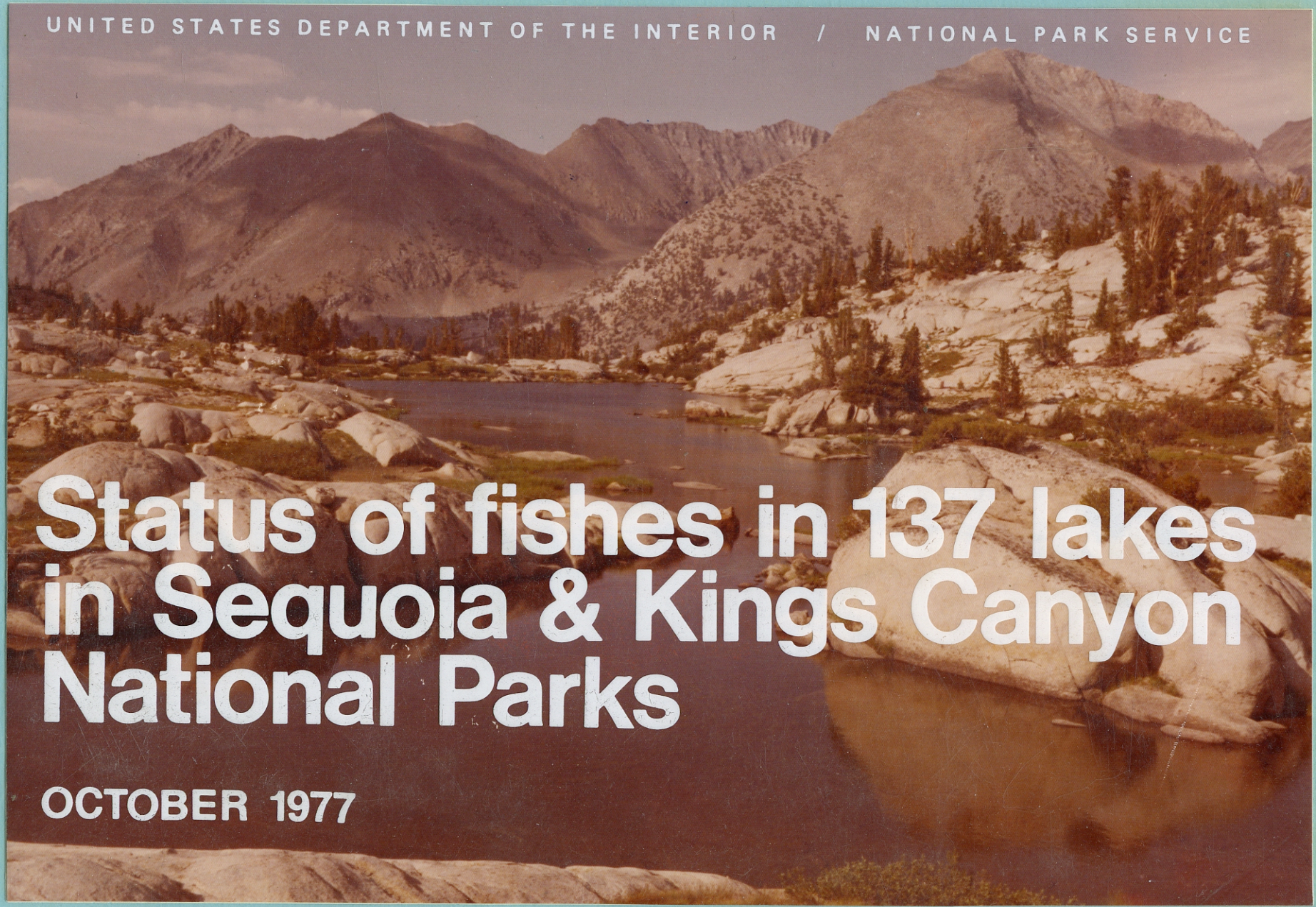
UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE



# Status of fishes in 137 lakes in Sequoia & Kings Canyon National Parks

OCTOBER 1977



# STATUS OF FISHES IN 137 LAKES IN SEQUOIA AND KINGS CANYON NATIONAL PARKS CALIFORNIA

Maurice Zardus
Ted Blank
David Schulz

October 1977

(Based upon lake surveys conducted by the National Park Service assisted by the California Department of Fish and Game)

United States
Department of the Interior
National Park Service
Sequoia and Kings Canyon National Parks
Three Rivers, CA 93271

Cover photograph: Lake No. 2 in Sixty Lakes Basin (Facing North)

TABLE OF CONTENTS


| | |
|---|---|
| INTRODUCTION | 1 |
| ABBREVIATIONS USED IN TEXT | 4 |
| METHODS | 5 |
| CODES USED FOR LAKE CATEGORY | 10 |
| DISCUSSION | 11 |
| ACKNOWLEDGEMENTS | 19 |
| BIBLIOGRAPHY | 20 |
| APPENDIX | 21 |
| Codes used in "remarks" on individual fish | 22 |
| Reasons for assignment of lake category | 23 |
| Figure 1 - Lake reproductive status graph | 24 |
| Figure 2 - Fifteen year stocking record | 25 |
| Summary of distribution of dominant species | 26 |
| Individual lake reports | 27 |
| Length-Frequency graphs | 97 |
| Maps | 127 |
| A collection of photographs | |

## Introduction

The decision to discontinue the practice of stocking fish within the boundaries of the National Park System has been questioned. Before this question can be resolved, and a management plan implemented which will be satisfactory to all concerned, the answers to certain basic questions concerning the present condition of lakes must be known. Are the planted fish maintaining a stable population through natural reproduction? What sizes and species of fish make up this population? Without this information no one can tell, for instance, whether the correct number of fish have been stocked for the size of the lake. Is the lake of a type where no natural reproduction can be expected to occur? In this case one would expect the lake to become barren of fish when the present population either matures and dies or is caught by anglers. Are there natural biological factors at work which might bear on which species of fish will or will not succeed? What is the probable future of the fish population in a given lake?

We have attempted to gather enough data to answer the above questions for one hundred thirty seven lakes within the Sequoia and Kings Canyon National Parks. The lakes chosen for this study have all been stocked within the last fifteen years (1962 to 1976, see Fig. 2).

An attempt was made in the summer of 1977 to reach all of these lakes by two teams of two men each, assisted at times by stock and helicopter. Most of the travel was on foot with backpacks and carrying equipment necessary for the survey.* Due to the rugged terrain it was difficult to follow a tight schedule and in order to finish the job on time California Department of Fish and Game crews surveyed approximately ten lakes. The lowest lake studied was Aster Lake at an elevation of 2870 meters (9415 feet). The highest was Mt. Whitney 4 at 3798 meters (12,460 feet). The latter is within 104 meters (342 feet) of the elevation of the highest lake on the North American continent.

This report consists of two sections, the main report body and an appendix. In the body, all methods and techniques are explained. Their uses and limitations are discussed, and photographic illustrations are provided wherever possible.

The appendix consists of the following information pertaining to each lake:

- stocking records to 1976
- statistical information
- Brief description including bottom type, extent of spawning areas, etc., as observed by members of the various teams
- individual fish data
- length-frequency graphs for each species in each lake

*A partial list of the equipment carried by one team: gill net (2), rubber raft, inflatable life jacket, oars, sample bottles (2 per lake), thermometer, sounding line, plankton net, maps, compass, notebooks, radio, fishing equipment, camera, extra film, ruler (2), scale (2), stove, fuel and tent. Stock and helicopter were used only when backpacking became impractical due to considerations of time.

A lake's capacity to support a population of fish depends on a multitude of factors including elevation, exposure, depth, food supply and spawning potential. In order to simplify the classification of lakes in this respect we have placed each lake into one of five categories:

1. Definitely reproduction occurring; self-sustaining population.
2. Probably some reproduction occurring; questionable as to whether or not population is self-sustaining; examination of scale samples would be helpful in verifying this condition.
3. Probably little or no reproduction; as above, examination of scale sample necessary to make more certain determination.
4. Definitely no natural reproduction occurring, but some fish present.
5. Barren of fish at this time.

The reasons for placing each lake in the appropriate category are listed in the appendix. For an explanation of these reasons, see the chapter on Methods.

This report is not meant to be a guide to good fishing in the High Sierra. Hopefully, future studies of the fish populations in these same lakes will yield valuable information about the correctness of our assumptions concerning reproduction and spawning potential. If the contents of this report are widely distributed, it is possible that angling pressure on individual lakes might increase or decrease solely because of the availability of information on the size and abundance of fish in many of the more popular lakes. In order to preserve the validity of future studies, as well as avoid a potentially damaging increase in visitor use in certain areas, we urge that this report be distributed on a "need to know" basis only.

The following abbreviations are used throughout this report to refer to the various species of trout encountered throughout the summer:

RB - Rainbow Trout (Salmo gairdnerii)

GT - Golden Trout (Salmo aguabonita)

Hyb - Rainbow x Golden Hybrid (Determined by visual inspection)

EB - Eastern Brook Trout (Salvelinus fontinalis)

BR - Brown Trout (Salmo trutta)

# METHODS

Sampling Fish

In this study three sampling methods were used: visual observation, angling and gill nets. Each method has its own advantages and limitations.

A visual scan of the lake can indicate the presence of fish. If no fish or rises are seen this does not necessarily mean, though, that the lake is barren. Seeing fish of many sizes is a good indication of a reproducing population, unless the lake is stocked yearly or almost so. Accurate stocking records are necessary for this method to be useful. Fry can usually be spotted in spawning areas. For Rainbow and Golden Trout this usually means the inflow or outflow. Brook Trout are capable of spawning in gravel over sub-surface springs and their fry are in most cases more widespread.

Angling was the initial physical capture method used upon arrival at a lake. Artificial lures and flies were used exclusively, with good success in most cases. When possible we fished the entire lake to get an idea of the distribution of fish as well as to sample areas which might harbor larger or smaller fish than the average. An advantage of the angling method was that smaller fish could be caught than with the gillnet. Trolling behind the dinghy was tried often but was usually effective only for larger fish.

Twenty fish was the minimum goal when angling. This number usually yielded a good cross-section of the population. This was also the average number trapped in the gill net, when used. When less than twenty fish were caught, and visual observations supported the conclusions we could draw from the angling data, the lesser number sufficed.

The gill net was usually the most effective method of obtaining a sample. Lundgrens nylon gill nets were employed. They are lightweight, easy to set and not susceptible to rot or mildew. Tangles dropped out easily once the fish were removed. Each net is 150' long and five feet tall. It is divided into five sections, with mesh sizes ranging from 18mm to 45mm. The lower margin of the net is weighted, while the upper has small styrofoam floats sewn into it. The net rests on the bottom during use, remaining upright by means of the floats.

A number of factors were considered in choosing a place to set the net. Preferably, the bottom had a gentle slope out to deeper water. Thus we could sample different depths with each mesh size. In addition the net was found to collapse if it was set over a drop-off. Inlet and outlet areas were usually ideal. Snags occasionally made it necessary to use the boat to retrieve the net.

The net was usually set in the late afternoon, and retrieved in the early morning. Daytime placement was tried but did not yield good results. Apparently most fish were captured during the evening and early morning hours when they came inshore to feed.

Plankton Samples

Plankton samples were taken for several reasons:

- to determine the types of organisms present in the open water areas of the lakes,
- to estimate primary productivity,
- To possibly utilize the Brooks and Dodson size efficiency hypothesis for estimating the size of the trout population (Brooks and Dodson, 1965).

Sampling was accomplished with a VWR fine mesh nylon plankton tow net and a 60' sounding line marked every 3'. The net was lowered 30' into the lake (less in shallower water) from the boat, and raised vertically at a rate of approximately 1 ft./sec.. The net was sometimes thrown from shore if winds were too strong to operate the boat safely. The samples, in 40 ml of lake water, were preserved with approximately 10 ml of formalin.

Scale Samples

Scale samples were taken to provide additional data on age classes of fish present. This method has been shown to be the simplest method of studying age and growth of fish populations, if enough time is available for analysis of the samples. We made no attempt to use these samples to categorize the lakes, but they would obviously be a valuable addition to any study of a population.

Individual samples were taken from just forward of the midway point between the lateral line and the anterior portion of the dorsal fin. They were then placed in a folded page of a small notebook and the pertinent data on the fish was recorded. These samples are on file in the Lake Survey data file, Resources Management Office, Ash Mountain Headquarters, Sequoia and Kings Canyon National Parks.

Stomach Samples

One method of determining the feeding habits of trout is to take stomach samples. This was done at each lake that had fish in it. Stomachs were preserved in 20% formalin in labeled vials. No attempt was made to analyze the contents of the stomachs, but field notes were taken on insects apparent at the

water's edge and on the surface. These stomach samples are stored at Ash Mountain Headquarters, Sequoia and Kings Canyon National Parks, at the Resources Management Office.

Temperature Data

Temperature data was taken using a waterproof soil probing thermometer (or a standard glass capillary thermometer) and a cotton ball. The cotton was attached to the end of the thermometer to inhibit heat transfer so deep water data could be obtained. Air temperature, surface temperature and bottom temperature (if the lake was less than 60 feet deep) were recorded.

Rooted Plants

Rooted plants offer shelter and food to insects and small fish. From the shore a scan was made of the bottom to determine the extent to which rooted aquatics were present. This determination was not quantitative. However, a general idea of bottom conditions can be helpful in understanding the possible ecological relationships in the lake.

Measurement

Total length of collected fish was uniformly employed, using a metric rule and measuring from tip of snout to end of caudal rays.

Codes Used for Lake Category

1. Self-sustaining population present.
2. Questionable reproduction
3. Probably little or no reproduction.
4. Fish present but not reproducing.
5. Barren of fish in 1977.

# DISCUSSION

During the course of the study many lakes with widely differing basin morphometry, type of watershed and stocking history were examined. All those with fish, however, contained trout which were biologically capable of reproduction. Reproductive success, and a self-sustaining population seemed to hinge largely upon the physical factors of the lake and its drainage basin. We found many lakes where natural reproduction was more than adequate to insure the continuation of the population (see Fig. 1). On the other hand, a number of lakes were encountered which could be described in general terms as: high elevation (above 11,000 Ft.), bottom mostly large rocks and boulders, watershed entirely talus and boulders with little vegetation, inflow and outflow streams rocky with little gravel, and a trout population consisting of very few, very large fish (usually RB or GT). It was obvious that little or no reproduction was taking place. Angling pressure and winter die-off were probably the major reasons for the demise of the resident population.

Many lakes were populated with Eastern Brook Trout. This species is capable of spawning in shoreline gravel as long as wave action or sub-surface springs keep the eggs supplied with oxygenated water. These fish tend to stunt rather badly when natural reproduction forges ahead of the capacity of the lake to support healthy, high quality fish. Paradoxically, this was noted even in lakes where fishing pressure was very high (Granite Lake, for example). More fish are apparently being produced than the fisherman can remove. Brook Trout are also fierce competitors and will usually become the dominant species (in many cases the sole species) in a lake where they exist along with other species of trout.

Cladocerans and calanoid copepods were found in nearly all lakes visited. Other types of aquatic invertebrates were found, usually on the surface but rarely in

the water column as well. From inspection of stomach contents in the field we determined that some fish were bottom feeding, since mostly benthic debris and some identifiable bottom fauan were found in their stomachs. Others apparently were feeding mostly upon surface insects or organisms from the water column. Both types of fish were often fround in the same lake. In many cases the smaller fish led on the surface while the larger fish fed from the bottom. In lakes with large populations of fish (Ranger 1 and 2 for example) we observed fish repeatedly trying to capture insects which were hovering as much as six inches over the surface. Presumably such frenzied activity was due to depletion of and competition for available food supplies.

Since Rainbow and Golden Trout hybridize so readily we have assumed that any lake we have containing both species will eventually contain only hybrids if no future stocking is permitted. Of course, the failure to find evidence of hybridization in a given lake does not mean that both species are not present, especially when few fish were examined. Classification of lakes as containing "pure" Goldens or "pure" Rainbows based on this report should thus be undertaken with great caution. Early stocking records are in many cases incomplete. Fish were commonly planted by early sportsmens' clubs to improve fishing, and no records of these occurrences are available. It may be that mix-ups in early stocking records, incomplete descriptions of the fish planted or the lake in which they were stocked, or a failure to stock the correct lake may have introduced errors into the records. In any case the stocking records held by the Park Service about lakes not included in this survey must be used cautiously even though they represent the best information available on species of fish present in those lakes.

As lakes were observed and sampled throughout the Parks this summer, it became apparent that there were more clues to the structure and reproductive success of the resident fish population than had been expected. The following is a summary of those most often utilized. The number to the left of each heading corresponds to the numbers which will be found on each lake data sheet under "primary reasons" and "Secondary reasons" for assigning a lake to a specific reproductive category (see Introduction for an explanation of this procedure).

0. Does the fish population have a broad distribution of size classes?

Wide distribution of size classes (from fingerling to adult) is an excellent indicator of natural reproduction, unless the lake has been stocked yearly for several years. One must take care when sampling a stunted population as most fish caught may be nearly the same size (but not the same age) due to limits placed on growth by other factors.

1. Are few or no fish observed or taken from a lake?

A stocked lake may become barren of fish through lack of natural reproduction, lack of food, disease, winter kill or excess angling pressure. It can be assumed a lake with very few fish (as measured by numbers caught or observed) will probably become barren.

2. Are small fish or tiny fingerlings present?

Reproductive success is shown by the presence of fingerlings (unless the lake was stocked in the year visited). A search was made for fingerlings and fry near inflow and outflow streams, in the streams themselves and along the shoreline in protected areas. Small fish (larger than fingerlings) are a good

indication of successful reproduction, but mature, stunted fish must not be mistaken for yearlings. Analysis of ages by scale samples would clarify that point.

3. Are spawning activities observed?

Trout can sometimes be observed spawning. Timing is critical since trout spawn for only a few weeks each year. Rainbow and Golden Trout spawn in the spring, while Brook Trout spawn in the fall. Large fish in tiny runoffs were observed in Josephine Lake in late June.

4. Are Rainbow-Golden trout Hybrids found in the lake?

Since Rainbow trout and Golden trout readily interbreed, presence of fish with characteristics of both species will provide a good clue to the status of that lake. Hybrids (RBxGT) are never stocked as fry. The presence of fish that appear to be genetically pure along with hybrids is a sign of successful reproduction. Stocking records are useful in determining when each of the two species was stocked originally.

5. Are trout found in lakes which have not been stocked in many years?

The presence of trout indicates that natural reproduction is probably maintaining the population. A productive, stocked lake with no suitable spawning areas will probably be barren of fish in 5-7 years (for Rainbow or Golden trout) or as much as twenty years (for Brook trout) according to estimates of the age of the oldest known fish of each species. Fishing pressure will reduce these times considerably. Accurate stocking records are necessary to utilize this method.

6. Does the population consist of a large number of fish, all stunted?

This condition indicates that reproduction has out-paced available food supply. Stunted fish are easy to identify by means of their disproportionately large heads and thin, tapering bodies. Another possible cause of this condition is over-stocking for the size and condition of the lake.

7. Are all fish captured or observed of the same size?

If this condition exists, and the size of the trout correlates well with recent, recorded stockings, then there is probably no reproduction occuring. In Ranger Lake 1, for example, all fish captured were obviously from the 1976 planting. In Ranger Lake 2, all Rainbows captured were in the 200-220 mm size except for three large but similarly sized trout caught in the net. Stocking records show Rainbows had most recently been planted in 1975 and 1968, which corresponds well to the size of fish caught. Since no intermediate sizes were caught or seen, a lack of natural reproduction was indicated.

8. Are large numbers of re-absorbing eggs found in females?

Mature female trout develop eggs annually whether or not spawning is possible. If the lake has no suitable spawning areas, the female often retains the mature eggs in her body where they are re-absorbed. This criterion must be used carefully because the presence of just a few eggs in the body cavity may be evidence of recent spawning.

9. Are zooplankton (especially Copepods and Cladocerans) relatively large?

Edible zooplankton is a prime food source for trout. The Brooks and Dodson Size Efficiency Hypothesis states that fish will selectively feed on the largest

members of this community. In such cases a lake with a large population of fish should have a population of smaller than average zooplankton. Of course, plankton size varies according to many other factors besides grazing. A fine mesh plankton net is necessary to determine the maximum size of the members of the zooplankton community.

10. Are tadpoles or frogs visible in large numbers in open water?

The Yellow-Legged Frog, Rana muscosa, is common to nearly all the lakes in the Park. Several other species of frogs are also found and the tadpoles are all an excellent source of food for the fish. In lakes with large populations of fish tadpoles are observed only in shallow or protected waters, or are not present at all.

11. Are only a few large fish (and no small fish) taken or observed at a lake?

This condition commonly occurs in the higher elevation, deeper lakes and indicates that the trout present are likely to all be from the last planting. These lakes often have little or no suitable spawning areas. Due to lack of competition for food these fish can grow to a very large size. These fish will eventually all be caught or die, and the lake will become barren.

12. Are physical indications of spawning potential present?

Physical evidence of spawning potential includes fine (8-12mm) gravel in inlet or outlet, gravel along shores, strongly flowing streams feeding or draining the lake, or observations of redds in any of these.

13. Do the sizes of fish present correspond to continuous yearly age classes?

In years of low run-off, spawning areas in many inlet and outlet streams may not be accessible to mature trout, or the current may not be sufficient to insure adequate oxygenation of the eggs. If the sizes of fish from a lake fall into only a few, discontinuous size classes it may indicate that spawning has been intermittent over the last few years. Before making this assumption, we investigated the possibility that intermittent stocking was not responsible for the patchy distribution of size classes. Lakes in this category provide an unstable home for the resident population. Several years of light snowfall (and subsequent run-off) may inhibit reproduction and decimate the population to the point where it no longer can sustain itself.

Perhaps the most powerful tool available to the fisheries biologist who wishes to understand the age structure of a population is the technique of determining age of a fish through analysis of the rings on its scales. It is a time-consuming but reliable method, but time did not permit its use . A sample of scales was collected from several fish in each lake, usually including the largest and the smallest. Analysis of these samples in the future may serve to shed light on questions about reproduction in certain lakes.

All of the above methods or clues were useful in this survey. Through diligent sampling and inspection an attempt was made to determine several parameters for each lake visited. Any discrepancies or ambiguities are noted in the individual report on each lake in the Appendix.

Acknowledgements

The rugged terrain, short field season and long list of lakes to be surveyed required concentrated and dedicated work on the part of all who were part of the survey.

This survey was begun in the summer of 1976 when Peter Stekel sifted through old files and hatchery data to put together an up to date paper record of fish stocking and fish distribution for these Parks. Tom Stohlgren determined the schedule as he worked out an itinerary for each trip. Robert Hall reduced much of the field data for the length-frequency graphs and Paul Lemay as a volunteer draftsman designed and drew the graphs. Thanks to State Fish and Game Department employees and others: Dan Christenson, Wendy Fink, Jeff Jurach, Phil Pister, Gary Ponder, Don Sato, Peter Stanistreet and Bob Smith, all of whom assisted in the field work.

Special thanks to Donna Ward for so patiently typing the numerous lake reports and handling the unusual number of requisitions. The girls at the switchboard were a vital communications link to keep the project moving. A crash project like this puts strains on all systems and thanks go to all who patiently bore the stresses.

## BIBLIOGRAPHY

**Brooks**, J.L. and S.I. Dodson 1965. Predation, Body Size and Composition of **Plankton**. Science, Volume 150, p. 28-35.

**California** Department of Fish and Game 1969. Trout of California. The Resources **Agency**, State of California, Sacramento California.

**Lagler**, K.F. 1949. Studies in Freshwater Fishery Biology. J.W. Edwards, **Ann** Arbor, Michigan.

**Lagler**, K.F., 1956. Freshwater Fishery Biology. William C. Brown Company, **Dubuque**, Iowa.

# APPENDIX

This is a key to the codes found under "Remarks" on each individual lake report. Each fish for which there is an entry was inspected internally to determine its reproductive condition. Eggs found free of the ovaries within the body cavity of the fish were considered mature.

0 : No evidence of sex

1 : Immature eggs only

2 : Mature eggs only (many)

3 : Mature eggs only (few, recently spawned)

4 : Both mature and immature eggs present

5 : Testes present (empty)

6 : Testes present (full)

7 : Stomach sample taken and labeled

8 : Scale sample taken and labeled

9 : Parr marks observed

Five categories of lake reproductive condition were recognized. The following summary shows 13 reasons for assigning lakes to a given category. The reasons are referred to by number on the individual lake reports. For a further explanation of any of the reasons, please refer to the Discussion.

0 : Broad distribution of size classes

1 : No fish taken or observed

2 : Small trout or fingerlings taken or observed

3 : Spawning activity observed

4 : Hybrids present in population

5 : Presence of trout where no stocking has occurred in 5-7 years

6 : Large population of stunted fish

7 : All fish approximately the same size

8 : Large numbers of re-absorbing eggs

9 : Plankton size

10 : Tadpoles numerous in open water

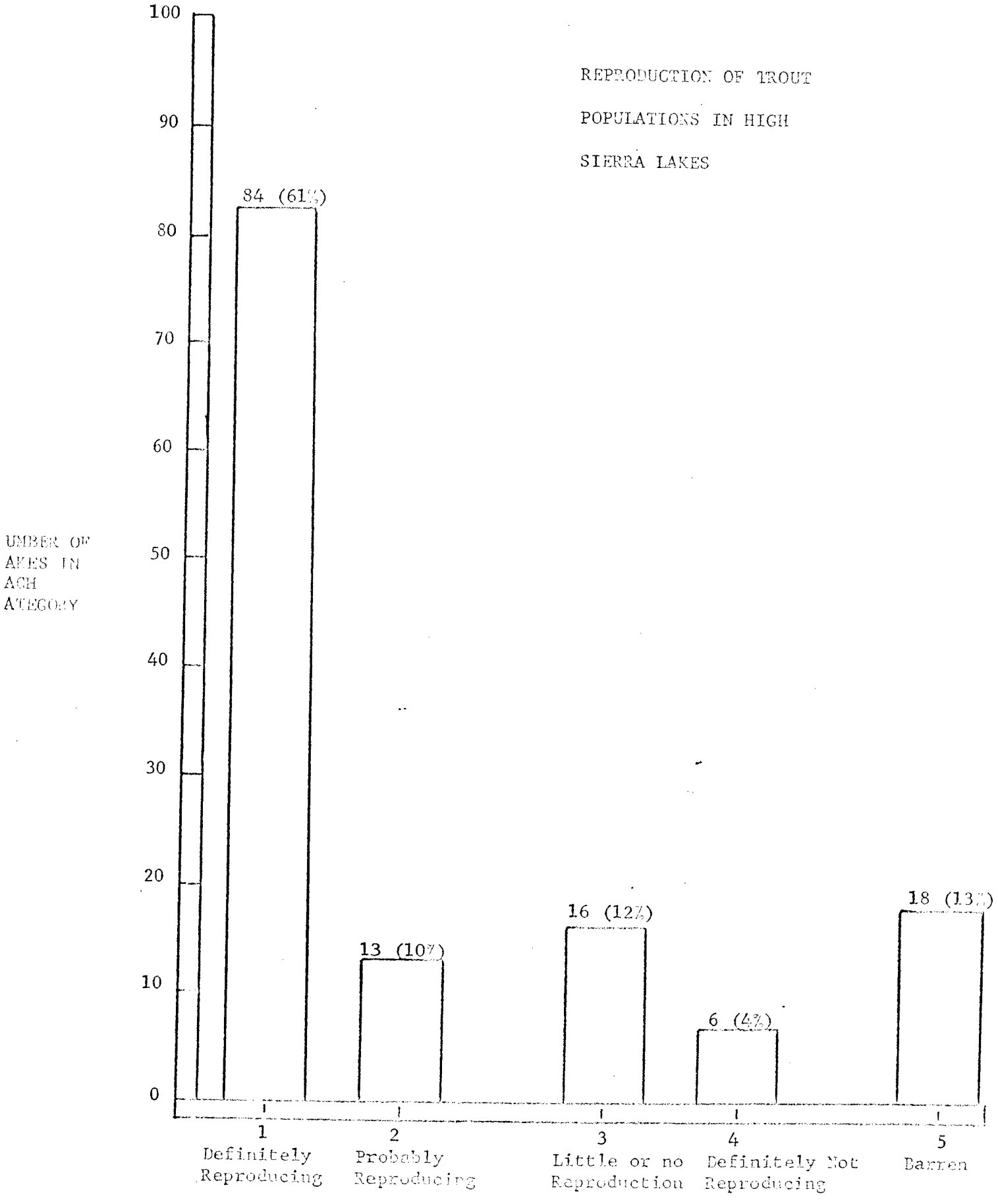
11 : Only a few large fish

12 : Spawning areas and/or redds observed

13 : Fish in discontinuous size classes (do not spawn every year)

(FIGURE 1)

REPRODUCTION OF TROUT POPULATIONS IN HIGH SIERRA LAKES



| | |
|---|---|
| 1962 | Sixty Lakes #3, Sky Blue |
| 1963 | Aster, Blossom #2, Diamond Mesa #5, Evolution, Hitchcock #1, McGee #1, McGee #2, McGee (N.W.), Moose, Pear Lake, Sixty Lakes #1, Sixty Lakes #2, Volcanic #10, Woods |
| 1964 | Marion #1, Marion #3, Marion #4, Sixty Lakes #8, Sixty Lakes #12, Twin #1, Twin #2, Vidette #1, Volcanic #3E, Volcanic #3W |
| 1965 | Wales |
| 1966 | Volcanic #1, Volcanic #2 |
| 1967 | Bench, Dragon, Dumbell #1, Goethe #1, Golden Bear, McGee #3, McGee #4, Summitt |
| 1968 | Big Brewer, Blossom #4, Blue Canyon #6, Blue Canyon #7, Emerald, Ferguson #1, Goethe #2, Grouse, Kid #3, Little Moose, Mt. Goddard, Rainbow #2, Sphinx #2, Upper Palisade #1 |
| 1969 | Amphitheater, Barrett #1, Big Pine, Blossom #1, Blue Canyon #1, Blue Canyon #5, Center Basin #2, Darwin #1, Diamond Mesa #3, Dusy #4, Dusy #7, Glacier #2, Hitchcock #2, Mt. Pinchot #2, Mt. Whitney #3, Mt. Whitney #4, Soldier, Volcanic #4, Volcanic #7E |
| 1970 | Barrett #2, Beville, Blue Canyon #2, Cardinal, Darwin #2, Dumbell #4, Dusy #1, Dusy #3, Dusy #6, Ferguson #2, Glacier #1, Kid #1, Palisade #1, Rainbow #1, Slide #3, So. Guard, Sphinx #3, Sphinx #4, State #1, Tamarack, Upper Palisade #2, Vidette #2 |
| 1971 | Dusy #5, Hockett #3, Seville |
| 1972 | Barrett #3, Big Bird, Blue Canyon #3, Blue Canyon #4, Dumbell #2, Dumbell #3, Dusy #2, Helen, Hockett #2, Kennedy (West), Kid #2, Ladder, Sphinx #1, Sphinx #8, State #2, Taboose |
| 1973 | Ansel, Darwin #3, Davis #2, Davis #3, Hockett #1, Little Lake #1, Martha, Palisade #2, Slide #2, Slide #4, Split Mountain, Tunemah |
| 1974 | Granite #5, Horseshoe #1, Horseshoe #2, Horseshoe #3, Lost Lake, Volcanic #5, Volcanic #7W |
| 1975 | No fish planted |
| 1976 | Josephine, Mt. Pinchot #1, Ranger #1, Ranger #2, Sphinx #6, Vidette #3 |

Last date of stocking unavailable:

Double-Eleven-O
Little Moose
Sphinx #9
Volcanic #3W
McGee #1W

Summary of Distribution of Dominant Species

The dominant species found in all lakes surveyed are shown below by number of lakes.

| RB | GT | EB | HYB | None | Unknown |
|---|---|---|---|---|---|
| 63(46%) | 23(17%) | 19(14%) | 13(9%) | 18(13%) | 1(1%) |

The single factor that appears to be related to success in reproduction is the presence of gravel suitable for reproduction. Fourty-four of the lakes that appear to have self-sustaining populations had spawning gravel in evidence in 1977. In addition to spawning habitat, other evidence indicates that self-sustaining populations exist in 84 lakes. This conservative estimate is based on such evidence as sighting or recovery of juvenile fish, recent stocking records and presence of hybrids.

Size of fish is not necessarily evidence of reproductive success, but a function of productivity. Productivity factors were not included in great detail in this survey.

# Individual Lake Reports

NAME Amphitheater SPECIES FOUND 1° Hyb 2° RB 3°

TOPOMAP Mt. Goddard DRAINAGE Mid-Kings R.

DATE VISITED Aug. 29, '77 AREA 20 ha ( 50 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,263 m (10,706 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 2,4,5 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1955 | 9900 | | | |
| GT | 1962 | 3000 | | | |
| GT | 1967 | 3000 | | | |
| GT | 1969 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Lake in steep, rocky basin. Few shrubs and stunted trees. Bottom mainly boulders and bedrock. 25% of lake ≤ 5m (16 Ft.)deep. Few aquatic plants. Morning temperatures: at 20m (60 Ft.) deep, 15°C (59°F); at surface, 14°C (57°F). Inlets and outlet flowing; good spawning conditions in these areas. Visitor use light. Accessibility moderate.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Hyb | 238 | — | 7,5 | RB | 226 | 100 | 5,8 |
| Hyb | 267 | 123 | 4 (3) | Hyb | 233 | 100 | |
| Hyb | 213 | 175 | 1 | Hyb | 115 | — | |
| Hyb | 240 | 98 | 5 | Hyb | 172 | 65 | |
| RB | 252 | 135 | 5 | | | | |
| RB | 161 | 152 | | | | | |
| RB | 146 | 40 | | | | | |
| RB | 249 | 35 | 1 | | | | |
| RB | 157 | 135 | | | | | |
| Hyb | 125 | 45 | | | | | |
| RB | 242 | 150 | | | | | |
| Hyb | 130 | 30 | | | | | |
| Hyb | 235 | 140 | | | | | |
| Hyb | 145 | 40 | | | | | |
| RB | 176 | 50 | | | | | |
| Hyb | 225 | 110 | | | | | |
| RB | 157 | 40 | | | | | |
| RB | 138 | 30 | | | | | |
| Hyb | 185 | 60 | 8 | | | | |
| RB | 143 | 30 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Ansel SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mineral King DRAINAGE E. Fork Kaweah River

DATE VISITED Sept. 14, '77 AREA 1.56 ha ( 3.9 ac)

EST. DEPTH 4 m ( 12 ft) ELEV. 3,182m ( 10,500 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 5,0 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1966 | 3000 | | | |
| RB | 1973 | 3000 | | | |
| EB | 1934 | 4000 | | | |
| EB | 1930 | 2000 | | | |
| EB | 1933 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Rooted aquatics present, algae thick on rocks in shallow areas. Creeks flowing from east have good spawning gravel. Plants are trapping sediment and filling in lake quickly. Inflow nearly dry. Bottom boulders covered with organic ooze. Shoreline grassy. Surf. temperature 15.5°C (60°F), air temperature 18°C (64°F).

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 291 | 280 | 1,8 | | | | |
| RB | 260 | 295 | 6,8 | | | | |
| RB | 320 | 310 | 1,7,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Aster SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide PK DRAINAGE Marble - Kaweah

DATE VISITED June 16, '77 AREA 1.8 ha ( 4.6 ac)

EST. DEPTH 10 m ( 33 ft) ELEV. 2,743 m ( 9,000 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 5,2,0

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 1936 | 10000 | EB | 1950 | 10680 |
| EB | 1937 | 3200 | RB | 1955 | 2450 |
| EB | 1943 | 4180 | EB | 1958 | 2250 |
| EB | 1944 | 4700 | EB | 1963 | 3000 |
| EB | 1945 | 3700 | EB | 1928 | 6000 |
| EB | 1946 | 7000 | EB | 1929 | 2000 |
| EB | 1947 | 5060 | EB | 1930 | 4000 |
| EB | 1948 | 3200 | EB | 1931 | 6000 |

* = cont. below

DESCRIPTION, REMARKS

Area around lake est. 65% rock. Grasses and trees fairly abundent around lake. Bottom of lake mostly sand and organic debris with moderate amounts of plants and algae. Inflow and outflow flowing at time visited. Temp. at surface 17°C (62°F), 8°C (46°F) at 9m (27 Ft.). Accessibility to Aster Lake is quite easy and visitor usage is heavy. Brook trout have established themselves in a self-perpetuating population.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 189 | 55 | | EB | 229 | 105 | 4 |
| EB | 242 | 113 | | EB | 209 | 95 | |
| EB | - | 59 | | EB | 203 | 85 | 1 |
| EB | 243 | 116 | | EB | 135 | 40 | |
| EB | 217 | 80 | | EB | 127 | 20 | |
| EB | 222 | 92 | | EB | 216 | 95 | |
| EB | 197 | 65 | | EB | 224 | 100 | 1 |
| EB | 184 | 50 | | EB | 113 | 15 | |
| EB | 222 | 95 | 4 | EB | 149 | 35 | |
| EB | 203 | 80 | | EB | 192 | 75 | |
| EB | 206 | 90 | | EB | 206 | 80 | |
| EB | 202 | 85 | | EB | 196 | 65 | |
| EB | 232 | 130 | 1 | EB | 165 | 45 | |
| EB | 224 | 100 | 1 | EB | 225 | 125 | |
| EB | 181 | 65 | 1 | EB | 188 | 60 | |
| EB | 209 | 95 | 1 | EB | 188 | 60 | 4 |
| EB | 168 | 45 | 4 | EB | 188 | 60 | |
| EB | 222 | 100 | | EB | 191 | 65 | 1 |
| EB | 191 | 65 | 1 | EB | 148 | 35 | |
| EB | 225 | 105 | | EB | 158 | 40 | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EB | 1932 | 4000 | | | | | | | | | |
| EB | 1933 | 6000 | | | | | | | | | |
| EB | 1938 | 1800 | | | | | | | | | |

NAME Barrett 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Palisade Basin

DATE VISITED Sept. 8, '77 AREA 2.4 ha ( 6.0 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,485 m ( 11,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 31 | 3000 | | | |
| RB | 33 | 1500 | | | |
| RB | 46 | 6850 | | | |
| RB | 47 | 6580 | | | |
| RB | 53 | 3000 | | | |
| RB | 54 | 9964 | | | |
| RB | 69 | 4000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Large gravel fan at inlet and gravel at outlet (dry) appear good for natural reproduction. Rock and rubble bottom with little aquatic vegetation. No trees but some brush, grasses, and wildflowers in an area of exposed granite. Moderate visitor use. Surface temp. 12°C (54°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 260 | 210 | | | | | |
| RB | 310 | 350 | | | | | |
| RB | 288 | 280 | | | | | |
| RB | 280 | 256 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Barrett 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Palisade Basin

DATE VISITED Spet. 8, '77 AREA 4.8 ha ( 12.0 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,461 m ( 11,420 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 31 | 3000 | | | |
| RB | 33 | 1500 | | | |
| RB | 46 | 9870 | | | |
| RB | 47 | 9870 | | | |
| RB | 53 | 3000 | | | |
| GT | 55 | 5000 | | | |
| RB | 64 | 4000 | | | |
| RB | 70 | 3000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Apparently some spawning in the main outflow. No main inlet stream. No other spawning ares discovered. Boulder and rubble bottom with some corse gravel. Algae covering the bottom. Few other aquatic plants observed. Only sparse grasses and wildflowers in an area of exposed granite. Light visitor use. Surface temp. 12°C (54°F).

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 288 | 290 | | | | | |
| RB | 255 | 150 | | | | | |
| RB | 270 | 230 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Barrett 3 SPECIES FOUND 1° RB 2° GT 3°

TOPOMAP Mt. Goddard DRAINAGE Palisade Basin

DATE VISITED Sept. 8 '77 AREA 10 ha ( 25 ac)

EST. DEPTH 15 m ( 50 ft) ELEV. 3485 m ( 11,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 PRIMARY REASON(S) 11 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR |
|---|---|---|---|---|
| RB | 1972 | 3000 | EB | 1931 |
| RB | 1965 | 3000 | | |
| RB | 1964 | 3000 | | |
| RB | 1962 | 3010 | | |
| GT | 1957 | 5000 | | |
| RB | 1954 | 9950 | | |
| RB | 1952 | 3996 | | |
| RB | 1933 | 1500 | | |

* = cont. below

DESCRIPTION, REMARKS

25% of this lake is shallow. Sand to lime gravel bottom. One outlet with rubble bottom. Limited spawning possibility. Water temp. at surface 14°C (58°F). Very large trout.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 474 | 1220 | | | | | |
| RB | 465 | 1160 | | | | | |
| RB | 442 | 1375 | | | | | |
| RB | 450 | 1100 | | | | | |
| GT | 405 | 1025 | | | | | |
| GT | 410 | 950 | | | | | |
| RB | 362 | 575 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 7992 | | | |
| RB | 39 | 3800 | | | |
| RB | 46 | 20000 | | | |
| RB | 52 | 19980 | | | |
| RB | 53 | 4980 | | | |
| RB | 59 | 1225 | | | |
| RB | 62 | 4000 | | | |
| RB | 67 | | | | |

NAME Bench SPECIES FOUND 1° RB 2° BR 3°

TOPOMAP Mt. Pinchot DRAINAGE S. Fork Kings R.

DATE VISITED Sept. 9, '77 AREA 38.5 ha ( 96.2 ac)

EST. DEPTH m ( UNK ft) ELEV. 3,180 m (10,495 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 5, 0

DESCRIPTION, REMARKS

Shoreline wooded. Bottom rocky with organic ooze. Filamentous green algae in shallow water. Outflow very steep, no spawning areas. Est. 40% < 5m. Visitor use heavy. Frogs observed. Brown trout also reproducing in this lake. Accessibility moderately hard.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| BR | 330 | 205 | 8 | RB | 234 | 125 | |
| BR | 365 | 350 | 8 | RB | 225 | 120 | 1,8 |
| BR | 180 | 50 | | RB | 284 | 205 | 2,8 |
| BR | 311 | 260 | 6,9 | RB | 269 | 205 | |
| BR | 341 | 340 | 6,7 | RB | 251 | 160 | |
| BR | 326 | 280 | 6 | RB | 255 | 160 | 1 |
| BR | 330 | 195 | 3 | RB | 219 | 115 | 6,9 |
| BR | 364 | 355 | 0 | RB | 284 | 210 | 1,3 |
| BR | 339 | 275 | 1,3 | RB | 256 | 160 | 0 |
| BR | 382 | 405 | 0,8 | RB | 266 | 165 | 1,3 |
| RB | 238 | 130 | 1,9 | RB | 243 | 115 | 5,9 |
| RB | 160 | 35 | | RB | 261 | 180 | 1,3 |
| RB | 210 | 100 | 8 | RB | 263 | 195 | 1 |
| RB | 225 | 105 | | | | | |
| RB | 244 | 140 | 1,9 | | | | |
| RB | 256 | 145 | 5,9 | | | | |
| RB | 241 | 135 | 5,9 | | | | |
| RB | 252 | 165 | 1 | | | | |
| RB | 258 | 155 | 1,8 | | | | |
| RB | 332 | 280 | 1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 1950 | 6480 | | | |
| EB | 1953 | 4000 | | | |
| EB | 1959 | 2500 | | | |
| RB | 1970 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Beville SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide PK DRAINAGE S. Fork Sugarloaf Cr.

DATE VISITED July 2, '77 AREA 2.5 ha ( 6.25 ac)

EST. DEPTH 6.5 m ( 21 ft) ELEV. 2864 m ( 9,450 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

Many streams enter through south side, gravel bottom good for spawning. Main inflow west side, gravel. North side chocked with rooted aquatics. Est. 50% < 5m. Bottom organic material, visitor use moderate. Air temp. 20.5°C (69°F), surface 20.5°C (69°F), 6.5m (21 Ft.) 17°C (63°F). Lake stocked with EB three times ('50,'53,'59) before RB planted in 1970. EB have established good population, hard for RB to compete successfully. Moderate visitor use. Densely forested area.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 265 | – | 0 | | | | |
| EB | 277 | – | 1 | | | | |
| EB | 245 | – | 0 | | | | |
| EB | 310 | – | 1 | | | | |
| EB | 315 | – | 0 | | | | |
| EB | 350 | – | 0 | | | | |
| EB | 265 | – | 1 | | | | |
| EB | 310 | – | 1 | | | | |
| EB | 300 | – | 1 | | | | |
| EB | 280 | – | 0 | | | | |
| EB | 315 | – | 1 | | | | |
| EB | 240 | – | 0 | | | | |
| EB | 215 | – | 0 | | | | |
| EB | 265 | – | 0 | | | | |
| EB | 215 | – | 0 | | | | |
| EB | 287 | – | | | | | |
| EB | 296 | – | | | | | |
| EB | 279 | – | | | | | |
| EB | 292 | – | | | | | |
| EB | 317 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Big Bird SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Roaring R. - S. Fork Kings R.

DATE VISITED June 22, '77 AREA 25 ha ( 62.5 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 2,979 m ( 9,775 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 12,0

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1956 | 7500 | | | |
| RB | 1961 | 7500 | | | |
| RB | 1966 | 7500 | | | |
| EB | 1967 | 20 | | | |
| RB | 1967 | 10 | | | |
| GT | 1967 | 30? | | | |
| RB | 1972 | 4000 | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Moderate visitor use and accessibility. Inlet and outlet running. Good spawning in outlet stream. No aquatic plants visible. Bottom is mainly bedrock-boulder, with sand intermixed. Lake in rocky basin; few shrubs and trees present. Afternoon temperatures: 8°C (46°F) at 17m (56 Ft.) bottom; 11°C (51°F) at surface. No rainbows angled or caught in net. Rainbows unable to compete successfully with Brooks. No rainbows seen or caught but a visitor's note found near the lake mentions rainbow trout caught from Big Bird.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 184 | 43 | | EB | 166 | 25 | |
| EB | 267 | 115 | | EB | 181 | 40 | |
| EB | 222 | 80 | | EB | 267 | 145 | |
| EB | 216 | 75 | | EB | 247 | 140 | |
| EB | 264 | 130 | | EB | 231 | 100 | |
| EB | 187 | 55 | | EB | 247 | 100 | |
| EB | 267 | 145 | | EB | 257 | 140 | |
| EB | 191 | 50 | | EB | 153 | 15 | |
| EB | 242 | 85 | | EB | 267 | 110 | |
| EB | 244 | 90 | | EB | 242 | 115 | |
| EB | 208 | 75 | | EB | 242 | 120 | |
| EB | 242 | 100 | | EB | 247 | 120 | |
| EB | 172 | 35 | | EB | 247 | 110 | |
| EB | 243 | 103 | | EB | 245 | 115 | 1 |
| EB | 249 | 85 | | EB | 234 | 100 | 1 |
| EB | 203 | 65 | | EB | 234 | 110 | 1 |
| EB | 233 | 100 | | EB | 257 | 90 | |
| EB | 214 | 75 | | EB | 194 | 55 | |
| EB | 279 | 145 | | EB | 234 | 85 | 1 |
| EB | 169 | 25 | | EB | 209 | 55 | 1 |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Big Brewer SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide DRAINAGE Sugarloaf

DATE VISITED July, 13, '77 AREA 9.72 ha ( 24.3 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,316m ( 10,880 ft) REL. PLANKTON ABUNDANCE H M

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR |
|---|---|---|---|---|
| EB | 1939 | 7840 | | |
| RB | 1956 | 7500 | | |
| RB | 1958 | 2550 | | |
| RB | 1963 | 3000 | | |
| RB | 1968 | 4000 | | |
| | | | | |
| | | | | |
| | | | | |

* = cont. below

DESCRIPTION, REMARKS

Big Brewer Lake is in a gentle, shallow bowl, surrounded mainly by boulders and grasses, thin forest is also present. Est. 30% of the lake is under 5m (16.5 Ft.) deep, aquatic plant are present as well. Inflow and outflow streams are flowing well, temp. not taken. Visitor usage is light at this lake of difficult accessibility. Redds observed in gravel near shore on east side. Fishing excellent near outflow. Many small trout observed in pond 6m (20 Ft.) beyond lake outflow, some caught on fly. This appears to be a good spawning area.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 192 | 80 | b | | | | |
| RB | 328 | 345 | b | | | | |
| RB | 220 | – | | | | | |
| RB | 320 | – | | | | | |
| RB | 330 | – | | | | | |
| RB | 400 | – | | | | | |
| RB | 265 | 235 | | | | | |
| RB | 320 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1953 | 6240 | | | |
| GT | 1962 | 2000 | | | |
| GT | 1969 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Big Pine SPECIES FOUND 1° RB 2° 3°

TOPOMAP Big Pine DRAINAGE South Fork Kings

DATE VISITED Aug. 24, '77 AREA 19.6 ha ( 49 ac)

EST. DEPTH 6.7 m ( 23 ft) ELEV. 3,410 m ( 11,600 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 2,0

DESCRIPTION, REMARKS

Big Pine Lake lies in a shallow depression on a bench ESE of Mather Pass. Gravel in outflow stream for 100m (330 Ft.), fingerlings observed all around. Pond in outflow stream has abundant small trout. Area around lake is rocky, treeless. Bottom gravel and large rocks. Temp. at surface 13.3°C (56°F), at 6.7m (23 Ft.) temp. was 11.6°C (53°F). Medium visitor use.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 332 | 340 | | RB | 308 | 275 | |
| RB | 160 | 35 | 8 | RB | 318 | 340 | |
| RB | 335 | 370 | 8 | RB | 275 | 190 | |
| RB | 383 | 240 | | RB | 305 | 290 | |
| RB | 170 | 50 | 0 | RB | 285 | 205 | |
| RB | 282 | 200 | 1 | RB | 360 | 420 | |
| RB | 140 | 40 | 0 | RB | 270 | 230 | |
| RB | 165 | 65 | 0 | RB | 310 | 280 | |
| RB | 195 | 100 | 0 | RB | 330 | 350 | |
| RB | 180 | 80 | 0,8 | RB | 315 | 320 | |
| RB | 172 | 75 | 5 | RB | 325 | 365 | |
| RB | 226 | 150 | 0 | RB | 355 | 385 | |
| RB | 320 | 350 | 1 | RB | 345 | 380 | |
| RB | 190 | 290 | 5 | RB | 383 | 595 | |
| RB | 200 | 100 | 1 | | | | |
| RB | 282 | 275 | 1 | | | | |
| RB | 205 | 105 | 0 | | | | |
| RB | 355 | 450 | 0 | | | | |
| RB | 115 | 10 | 1 | | | | |
| RB | 260 | 180 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 1929 | 2000 | EB | 1947 | 500 |
| EB | 1930 | 2000 | EB | 1948 | 570 |
| EB | 1934 | 10000 | EB | 1949 | 588 |
| EB | 1935 | 10000 | EB | 1963 | 150 |
| EB | 1936 | 10000 | RB | 1963 | Caug |
| EB | 1937 | 6000 | EB | 1969 | 200 |
| EB | 1938 | 8000 | RB | 1971 | 1 |
| EB | 1943 | 5000 | EB | | |

* = cont. below

NAME Blossom 1 SPECIES FOUND 1° EB 2° 3°

TOPOMAP Mineral King DRAINAGE South Fork Kaweah River

DATE VISITED July 7, '77 AREA 1.8 ha ( 4.4 ac)

EST. DEPTH 3 m ( 9 ft) ELEV. 3,139 m ( 10,300 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Area around this lake is mainly forest and grasses. Rock outcroppings surround the lake, but are not dominant. The bottom is mainly sand and organic debris, a few boulders are scattered around. 100% < 5m . Temp. at bottom 19°C (67°F) surface 22°C (71.5°F). Visitor usage and angling pressure are heavy, accessability to lake is easy. Inflow and outflow streams are flowing well. Rainbow trout, planted in 1969, are not now present and will not successfully compete with the eastern brook which now inhabit the lake.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 239 | — | | EB | 206 | — | |
| EB | 193 | — | | EB | 214 | — | 1 |
| EB | 216 | — | | EB | 203 | — | 1 |
| EB | 190 | — | 8 | EB | 222 | — | |
| EB | 174 | — | | EB | 240 | — | |
| EB | 225 | — | | EB | 222 | — | 1 |
| EB | 170 | — | 7 | EB | 231 | — | 1 |
| EB | 290 | — | | EB | 231 | — | |
| EB | 172 | — | | EB | 217 | — | 1 |
| EB | 230 | — | 7,8 | EB | 156 | — | 8 |
| EB | 155 | — | | EB | 197 | — | 1 |
| EB | 156 | — | 1 | EB | 182 | — | |
| EB | 164 | — | | EB | 196 | — | 1 |
| EB | 214 | — | | EB | 200 | — | 1 |
| EB | 214 | — | | EB | 198 | — | |
| EB | 224 | — | 1 | EB | 175 | — | |
| EB | 211 | — | | EB | 202 | — | 1 |
| EB | 206 | — | 8 | EB | 100 | — | |
| EB | 217 | — | | EB | 177 | — | |
| EB | 221 | — | | EB | 147 | — | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Blossom 2 SPECIES FOUND 1° — 2° 3°

TOPOMAP Mineral King DRAINAGE South Fork Kaweah River

DATE VISITED July 3, '77 AREA 0.6 ha ( 1.4 ac)

EST. DEPTH 2 m ( 6.5 ft) ELEV. 3,155 m ( 10,350 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) _____

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 1963 | 1500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Rooted plants, pine trees and boulders line the shore. This lake is small and very shallow, the gill net was set for 18 hours with no fish caught. Temp a 1.5m (5 Ft.), 20°C (68°F) at surface, 22°C (72°F).

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1949 | 2000 | | | |
| RB | 1964 | 2000 | | | |
| RB | 1969 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Blue Canyon 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 15, '77 AREA 1.2 ha ( 3 ac)

EST. DEPTH 4 m ( 12ft) ELEV. 2,296 m ( 9,600 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 2,9

DESCRIPTION, REMARKS

100% 5m or more shallow. Organic bottom with some exposed solid granite. Isoetes plentiful on the bottom. Sedgis cover 60% of shoreline especially on east side. Lake well into meadow succession. Apparently stable RB populations. No stunting observed. Spawning area and small fish seen in outflow stream. Cladocerans abundent and small in plankton sample. Set in lodgepole forest, moderate visitor use. Surface timp. 63°, inlet and outlet streams not flowing.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 215 | 120 | | | | | |
| RB | 263 | 240 | 8 | | | | |
| RB | 177 | 70 | 8 | | | | |
| RB | 282 | 240 | 8 | | | | |
| RB | 237 | 140 | 1,7,8 | | | | |
| RB | 286 | 220 | 1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1949 | 2000 | | | |
| RB | 1964 | 2000 | | | |
| RB | 1970 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Blue Canyon 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 15, '77 AREA 1.0 ha ( 2.5 ac)

EST. DEPTH 5 m ( 15 ft) ELEV. 2,987 m ( 9,800 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13, 9

DESCRIPTION, REMARKS

Est. 95% < 5m. Organic and boulder bottom covered by Isoetes with some sedges near shore. Sparse RB population that seems to be reproducing only in scattered years. Poor spawning conditions except during years of high runoff. Moderate visitor use, lodgepole forest. Surface temp. 65°. Inflow and outflow dry. Lake 1m below outflow level.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 248 | 130 | 8,1 | | | | |
| RB | 271 | 190 | 8,1 | | | | |
| RB | 265 | 210 | 8,5 | | | | |
| RB | 296 | 265 | 8,7,1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Blue Canyon 3 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 14, '77 AREA 0.8 ha ( 2 ac)

EST. DEPTH 4 m ( 14 ft) ELEV. 3,054 m ( 10,020 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 9

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1949 | 2000 | | | |
| RB | 1967 | 2000 | | | |
| RB | 1972 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 100% < 5m. Organic bottom with Isoetes. Thousands of small (80-110 mm) trout observed, only a few larger trout. No visible spawning areas. Fish may have migrated upstream from #4, a distance of approximately 50m. Surface temp. 65°. Temp. 64° at 14 feet. Moderate visitor use. Lake may be prone to winter kill.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 95 | – | | | | | |
| RB | 85 | – | | | | | |
| RB | 210 | 80 | | | | | |
| RB | 215 | 85 | | | | | |
| RB | 237 | 120 | | | | | |
| RB | 97 | – | | | | | |
| RB | 95 | – | | | | | |
| RB | 95 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Blue Canyon 4 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 14, '77 AREA 1.2 ha ( 3 ac)

EST. DEPTH 7 m ( 22 ft) ELEV. 3,060 m ( 10,040 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 6, 9

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1929 | 400 | | | |
| RB | 1939 | 1294 | | | |
| RB | 1949 | 2000 | | | |
| RB | 1963 | 2000 | | | |
| RB | 1967 | 2000 | | | |
| RB | 1972 | 2000 | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 80% > 5m. Organic and broken rock bottom with Isoetes and some sedges. Lake jammed with stunted RB's. Spawning conditions good in inflow and outflow. Many fingerlings observed in these areas. East side goint to meadow. Set in upper lodgepole forests of Blue Canyon. Medium visitor use. Population too high for food supply. Assume fish will not get to a large size.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 202 | 60 | 8 | | | | |
| RB | 233 | 105 | 8 | | | | |
| RB | 116 | 10 | 8 | | | | |
| RB | 203 | 75 | | | | | |
| RB | 217 | 80 | 8 | | | | |
| RB | 127 | – | 8 | | | | |
| RB | 192 | 65 | 5,7,8 | | | | |
| RB | 123 | 10 | | | | | |
| RB | 100 | – | | | | | |
| RB | 180 | 50 | 8 | | | | |
| RB | 200 | 85 | 8 | | | | |
| RB | 203 | 65 | 8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Blue Canyon 5 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 13, '77 AREA 4.8 ha (9.5 ~~12~~ ac)

EST. DEPTH 11 m ( 35ft) ELEV. 3,158 m (10,360 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1929 | 400 | | | |
| RB | 1939 | 1294 | | | |
| RB | 1949 | 2000 | | | |
| RB | 1964 | 3000 | | | |
| RB | 1969 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 70% < 5m. Organic and solid granite bottom with Isoetes sparsely scattered on bottom and sedges near shore. No visible spawning areas but apparently some natural reproduction since last stocking was in 1969. Possible spawning in inflow and outflow (both dry) in years of high precipitation. Some scattered lodgepole pine and shrubs in area. Light visitor use. Evening temperatures: 17°C (63°F) at 11m (bottom); 17.5°C (63.5°F) at surface.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 250 | 205 | 8 | | | | |
| RB | 332 | 395 | 8 | | | | |
| RB | 236 | 170 | 5,8 | | | | |
| RB | 380 | 600 | 5,7,8 | | | | |
| RB | 354 | 480 | 5,8 | | | | |
| RB | 350 | 415 | 1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Blue Canyon 6 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 12, '77 AREA 4 ha (7.9 ~~10~~ ac)

EST. DEPTH 12 m ( 40 ft) ELEV. 3,158 m ( 10,364 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1929 | 2000 | | | |
| RB | 1939 | 1294 | | | |
| RB | 1963 | 2000 | | | |
| RB | 1968 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Organic bottom with sparse Isoetes. Gravel at main inflow. Only two classes of large fish and no small fish taken. Most fry probably eaten. Sparse white bark pines and shrubs. Light visitor use. Moderate accessibility. Evening temp.: 17°C (63°F) at 9m (bottom); 18°C (65°F) at surface. Inlet and outlet not running; good spawning in these areas.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 330 | 480 | 8 | | | | |
| RB | 347 | 460 | | | | | |
| RB | 353 | 475 | 5,8 | | | | |
| RB | 367 | 470 | 1 | | | | |
| RB | 299 | 265 | 1,8 | | | | |
| RB | 266 | 195 | 5,8 | | | | |
| RB | 303 | 260 | 1,8 | | | | |
| RB | 303 | 250 | 5 | | | | |
| RB | 341 | 435 | 1 | | | | |
| RB | 334 | 365 | 1,8 | | | | |
| RB | 292 | 225 | 1,8 | | | | |
| RB | 330 | 340 | 8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Blue Canyon 7 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Blue Canyon - Mid Kings R.

DATE VISITED Sept. 12, '77 AREA 4.8 ha (~~7.5~~ 12 ac)

EST. DEPTH 6 m ( 20 ft) ELEV. 3,261 m ( 10,700 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 6

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1929 | 500 | | | |
| RB | 1939 | 1294 | | | |
| RB | 1963 | 2000 | | | |
| RB | 1968 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Well into meadow succession. Organic bottom with some broken granite. Large sedges near shore. Sparse Isoetes on bottom. Large gravel area at main inflow. Small fingerlings observed at the inflow and up stream in small pools. Inflow and outflow not flowing. Light visitor use. Some large pines and shrubs on shoreline. Water temp.: 17°C (62°F) at the surface and 17°C (62°F) at 15 feet. Moderate accessability. Est. 95% ≤ 5m.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 240 | 100 | 8 | | | | |
| RB | 216 | 80 | 8 | | | | |
| RB | 178 | 50 | 1,8 | | | | |
| RB | 201 | 70 | | | | | |
| RB | 198 | 60 | | | | | |
| RB | 155 | – | | | | | |
| RB | 213 | 65 | 8 | | | | |
| RB | 226 | 90 | 8 | | | | |
| RB | 192 | 60 | 8 | | | | |
| RB | 205 | 90 | | | | | |
| RB | 157 | 35 | 8 | | | | |
| RB | 204 | 80 | | | | | |
| RB | 222 | 100 | 8 | | | | |
| RB | 226 | 100 | 1 | | | | |
| RB | 212 | 70 | | | | | |
| RB | 225 | 85 | 1,7 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Cardinal SPECIES FOUND 1° RB 2° 3°

TOPOMAP Big Pine + Mt. Pinchot DRAINAGE Upper Basin

DATE VISITED Sept 10, '77 AREA 16.6 ha ( 41.5 ac)

EST. DEPTH 18 m ( 10 ft) ELEV. 3,488 m ( 11,444 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 4 PRIMARY REASON(S) 8, 11 SECONDARY REASON(S) 13

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1933 | 10000 | | | |
| RB | 1946 | 7600 | | | |
| RB | 1952 | 8910 | | | |
| RB | 1959 | 4980 | | | |
| RB | 1964 | 4000 | | | |
| RB | 1970 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Shoreline of lake is approximately 70% boulders, 38% mixed boulders and grasses. Bottom mainly small rocks and large boulders, no rooted plants. 40% of lake < 5m. Temp. at surface 14°C (58°F). Inlets are small springs providing no spawning areas. The outflow flows under rocks and is not exposed. Visitor usage is light, difficult accessability. Fish large and healthy though few in number.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 385 | 600 | 1,3,8 | | | | |
| RB | 465 | 1,120 | 1,3,7,8 | | | | |
| RB | 425 | 1060 | 4,8 | | | | |
| RB | 430 | 860 | 6,8 | | | | |
| RB | 400 | 810 | 6,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Center Basin 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Center - South Kings R.

DATE VISITED July 30, '77 AREA 8 ha ( 20 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,589 m ( 11,776 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 (2) PRIMARY REASON(S) 11 (5) SECONDARY REASON(S) 8

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1932 | 5000 | RB | 1969 | 5000 |
| GT | 1933 | 5000 | GT | UNK | 4000 |
| RB | 1941 | 5000 | | | |
| RB | 1949 | 4320 | | | |
| RB | 1953 | 3000 | | | |
| RB | 1960 | 5000 | | | |
| RB | 1968 | 3500 | | | |
| GT-RB | 1968 | Caught | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 10% < 5m. Apparently this lake is not capable of maintaining a natural trout population, probably because of the very limited spawning area. Broken rock and fine gravel bottom. Very sparse aquatic vegetation; some attached algae. Scattered grasses and wild-flowers but no trees. Lake will probably be barren of trout in five years due to the spawning conditions, although some trout have obviously reporduced. Surface temp. 11.5°C (53°F). High visitor use. Good production.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 458 | 890 | 2 | | | | |
| RB | 430 | 660 | 1,2 | | | | |
| RB | 365 | 556 | 6 | | | | |
| RB | 493 | 1,100 | 2 | | | | |
| RB | 347 | 460 | 6 | | | | |
| RB | 393 | 660 | 6 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Darwin 1 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt Goddard DRAINAGE Darwin - San Joaquin River

DATE VISITED Sept. 1, '77 AREA 9 ha ( 22.5 ac)

EST. DEPTH Unk. m ( ft) ELEV. 3,530 m ( 11,650 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1928 | UNK | | | |
| RB | 1931 | 2000 | | | |
| GT | 1953 | 4080 | | | |
| GT | 1955 | 5000 | | | |
| GT | 1962 | 2000 | | | |
| GT | 1969 | 3000 | | | |

* = cont. below

DESCRIPTION, REMARKS

This lake has many size classes of fish, and an abundance of copepods. An excellent GT lake. Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 348 | 380 | | GT | 159 | 30 | |
| GT | 350 | 400 | | | | | |
| GT | 350 | 400 | | | | | |
| GT | 350 | 410 | | | | | |
| GT | 310 | 310 | | | | | |
| GT | 251 | 140 | | | | | |
| GT | 160 | 20 | | | | | |
| GT | 122 | 10 | | | | | |
| GT | 222 | 100 | | | | | |
| GT | 226 | 160 | | | | | |
| GT | 228 | 130 | | | | | |
| GT | 172 | 40 | | | | | |
| GT | 307 | 260 | | | | | |
| GT | 260 | 180 | | | | | |
| GT | 260 | 150 | | | | | |
| GT | 270 | 230 | | | | | |
| GT | 242 | 140 | | | | | |
| GT | 264 | 170 | | | | | |
| GT | 202 | 80 | | | | | |
| GT | 216 | 80 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1931 | 2000 | | | |
| GT | 1955 | 5000 | | | |
| GT | 1962 | 2000 | | | |
| GT | 1970 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Darwin 2 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Darwin - San Joaquin River

DATE VISITED Aug. 31, '77 AREA 2.5 ha ( 6.24 ac)

EST. DEPTH Unk. m ( ft) ELEV. 3,532 m ( 11,655 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 2 PRIMARY REASON(S) 5 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Six hours of angling produced no fish. 2-30 cm GT were sighted.
Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1931 | 2000 | | | |
| GT | 1955 | 5000 | | | |
| GT | 1962 | 2000 | | | |
| GT | 1968 | 3000 | | | |
| GT | 1973 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Darwin # 3 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Darwin - San Joaquin River

DATE VISITED Sept. 7, '77 AREA 6.7 ha ( 16.8 ac)

EST. DEPTH Unk. m ( ft) ELEV. 3,560 m ( 11,680 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 PRIMARY REASON(S) 7, 11 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Poor spawning conditions. Overnight set of gill nets produced only two large fish, both filled with copepods. Lake is probably dependant on plants. Two stomach samples taken.
Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 280 | 240 | 7 | | | | |
| GT | 316 | 330 | 7 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 73 | 2282 | | | |
| GT | 68 | 4000 | | | |
| GT | 39 | unk | | | |
| SH | 30 | 8000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

NAME Davis 2 SPECIES FOUND 1° — 2° 3°

TOPOMAP Mt. Goddard DRAINAGE San Joaquin River

DATE VISITED Aug. 31, '77 AREA 17.2 ha ( 43.0 ac)

EST. DEPTH Unk. m ( ft) ELEV. 3,358 m ( 11,084 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

No fish taken by gill net or fly. None seen. Entire afternoon of 8/31 spent walking the shoreline and fishing. Neither the inlet or outlet affords any spawning opportunity. Very rocky. Temp. 13.8°C (57°F). Fish and Game data.

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO |
|---|---|---|---|---|---|
| GT | 1968 | 2000 | | | |
| GT | 1973 | 2000 | | | |
| SH | 1930 | 8000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Davis 3 SPECIES FOUND 1° — 2° 3°

TOPOMAP Mt. Goddard DRAINAGE San Joaquin R.

DATE VISITED Aug. 31, '77 AREA 40.4 ha ( 101 ac)

EST. DEPTH Unk. m ( ft) ELEV. 3,358 m (11084 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

For description see Davis #2. No fish caught in gill net this lake or #2. Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NAME Diamond Mesa 3 SPECIES FOUND 1° — 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Kern Headwaters

DATE VISITED July 31, '77 AREA ha ( 16.8 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,743 m ( 12,280 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) 9

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 31 | UNK | | | |
| GT | 63 | 4000 | | | |
| GT | 69 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 40% < 5m. Broken rock and gravel bottom with no aquatic plants observed. Organic layer in deeper sections. Inflow stream appear adequate for spawning but some condition is lacking for survival of a trout population. Moderate to heavy visitor use. No trees in area and sparse grasses and wildflowers in region of bare granite. Surface temp. 11.5°C (53°F).

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Diamond Mesa 5 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Kern Headwaters

DATE VISITED July 31, '77 AREA 11.5 ha ( 28.7 ac)

EST. DEPTH 17 m ( 60 ft) ELEV. 3,749 m ( 12,300 ft) REL. PLANKTON ABUNDANCE (H) M L

(Appears to be going barren)

LAKE CATEGORY 1,(5) PRIMARY REASON(S) 5 (1) SECONDARY REASON(S) 9 (very large

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 31 | UNK | | | |
| RB | 49 | 2240 | | | |
| GT | 63 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 40% < 5m deep. Broken rock and gravel bottom with no aquatic plants observed. . Organic larger in deeper sections. There is some spawning but evidently some conditions of the lake that is causing it to go barren (possible winterkill). No trees in area. Only sparse grasses and wildflowers in area. Mainly bare granite. Moderate to heavy visitor use. Surface temp. 11.5°C (53°F). Many stoneflies.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 295 | 255 | 1,7 | | | | |
| GT | 289 | 242 | 6 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| Not available | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Double-Eleven-O SPECIES FOUND 1° RB 2° GT 3° HYB

TOPOMAP Mt. Goddard DRAINAGE San Joaquin River

DATE VISITED Sept. 8, '77 AREA 25.2 ha ( 63.0 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,385m m ( 11,106 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

Light visitor use. 60% < 5m deep. Lake in shallow, rocky basin a few stunted trees and plants on perimeter. Several small, cold (5°C) springs enter lake on east side. Plankton very plentiful. Large amount of rooted aquatic plants. Inlet had very light flow, outlet not flowing. Moderate spawning potential at springs and main inlet. Afternoon temperatures: 15°C (59°F) at 5m (bottom); 16°C (61°F) at surface. Bottom is organic debris mixed with some boulders and gravel.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 155 | 40 | | | | | |
| GT | 320 | 350 | 4(3) | | | | |
| Hyb? | 440 | 765 | 4(3),8 | | | | |
| RB | 237 | 175 | 8 | | | | |
| | 256 | 215 | | | | | |
| | 294 | 145 | | | | | |
| | 162 | 50 | | | | | |
| | 287 | 255 | 5 | | | | |
| | 266 | 160 | 8.5 | | | | |
| | 415 | 665 | 5 | | | | |
| | 292 | 280 | 5 | | | | |
| | 146 | 45 | 8 | | | | |
| | 206 | 120 | 5 | | | | |
| | 279 | 260 | 8.5 | | | | |
| | 232 | 165 | 5.8 | | | | |
| | 261 | 185 | 1 | | | | |
| | 255 | 200 | 5 | | | | |
| | 425 | 800 | 1,8 | | | | |
| | 172 | 70 | 0 | | | | |
| | 390 | 650 | 6,7 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | |
|---|---|---|---|---|---|
| RB | 35 | 10400 | | | |
| RB | 55 | 5025 | | | |
| RB | 56 | 5025 | | | |
| RB | 62 | 6020 | | | |
| RB | 67 | 3000 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Dragon SPECIES FOUND 1° EB 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE Woods Creek - S. Fork Kings R.

DATE VISITED July 17, '77 AREA 9.7 ha ( 24.3 ac)

EST. DEPTH 720 m ( 66 ft) ELEV. 3,353 m ( 11,000 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

Moderate visitor use. Sparse aquatic vegetation. Bottom mainly gravel and large boulders. Surface temperature at outlet, 14°C (57°F). Moderate difficult accessibility. No rainbows seen. Assume they are unable to compete with brooks in this lake. Sparse forest area.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 265 | – | 8 | | | | |
| EB | 236 | – | 0 | | | | |
| EB | 244 | – | 1,8.7 | | | | |
| EB | 212 | – | 0 | | | | |
| EB | 228 | – | | | | | |
| EB | 136 | – | | | | | |
| EB | 131 | – | 9 | | | | |
| EB | 173 | – | | | | | |
| EB | 224 | – | | | | | |
| EB | 238 | – | | | | | |
| EB | 183 | – | | | | | |
| EB | 184 | – | | | | | |
| EB | 202 | – | | | | | |
| EB | 220 | – | | | | | |
| EB | 187 | – | | | | | |
| EB | 234 | – | | | | | |
| EB | 172 | – | | | | | |
| EB | 187 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dumbbell # 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 28, '77 AREA 1.25 ha ( 3.12 ac)

EST. DEPTH 7 m ( 22 ft) ELEV. 3,383 m (11,100 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 2 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13

STOCKING RECORD

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 55 | 5025 | | | |
| RB | 59 | 4980 | | | |
| RB | 67 | 3500 | | | |

DESCRIPTION, REMARKS

Est. 80% < 5m. Connected to #2 by 10m long stream. Fish from #1 probably unable to swim up to #2, but small fish could be washed into #1 from #2. Some gravels at inlet and outlet. However, poor accessibility back into lake from outlet. Bottom mainly fine, detrital cover. Medium amount rooted plantson bottom. Evening temperatures: 16°C (61°F) at 6m (19 Ft.)(Bottom); 17°C (62°F) at surface. Population probably reproducing, but individuals may have come from # 2. Moderately difficult accessibility. Very few fish in lake.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 229 | 130 | | | | | |
| RB | 262 | 180 | | | | | |
| RB | 232 | 140 | 1,7,8 | | | | |
| RB | 191 | 80 | 0,8 | | | | |
| RB | 215 | 100 | 1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dumbbell 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings R.

DATE VISITED Aug. 28, '77 AREA 1.4 ha ( 3.75 ac)

EST. DEPTH 7.6 m ( 25 ft) ELEV. 3,292 m (10,800 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 12 SECONDARY REASON(S) 0

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 55 | 5025 | | | |
| RB | 59 | 4980 | | | |
| RB | 67 | 2000 | | | |
| RB | 72 | 3000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Shoreline largely boulders, approximately 30% has grasses and 10% has trees. Most of the bottom of this small shallow lake has plants growing, some sand and silt as well as large and small boulders. Est. 90% < 5m (16.5 Ft.). Temp. at bottom 6.4m (21 Ft.). 15°C (60°F) and 16°C (61°F) on surface. Inlet flowing and does provide limited quantities of fair spawning areas. Lake bottom at inlet mouth provides good gravel as well. Outflow strongly flowing but does not provide any good spawning areas.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 105 | — | 9 | | | | |
| RB | 227 | 140 | 5 | | | | |
| RB | 110 | — | | | | | |
| RB | 236 | 135 | 8 | | | | |
| RB | 144 | 35 | | | | | |
| RB | 225 | 135 | 5,7,8 | | | | |
| RB | 242 | 145 | 5,8 | | | | |
| RB | 230 | 140 | 5,8 | | | | |
| RB | 231 | 145 | 1,8 | | | | |
| RB | 251 | 160 | 5 | | | | |
| RB | 233 | 130 | | | | | |
| RB | 236 | 145 | | | | | |
| RB | 246 | 155 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 55 | 5025 | | | |
| RB | 59 | 5000 | | | |
| RB | 67 | 1500 | | | |
| RB | 72 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Dumbbell 3 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Middle Fork Kings R.

DATE VISITED Aug. 28,'77 AREA 0.2 ha ( ,5 ac)

EST. DEPTH 10m ( 33ft) ELEV. 3,322 m (10,900 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 12, 0

DESCRIPTION, REMARKS

Light visitor use. 45% < 5m deep. Shoreline 50% rock, 10% grass, 40% mixture. Many small fish seen in lake. Inlet dry, but very good spawning area. Net not needed, angling good. Many fry seen in outlet stream. Bottom mainly sand-boulder mix, except near inlet where it is mainly sand. Afternoon temperatures: 15°C (60°F) at 5.5m (18 Ft.) (bottom); 17°C (62°F) at surface.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 99 | 15 | | | | | |
| | 102 | 15 | | | | | |
| | 110 | 20 | | | | | |
| | 110 | 20 | | | | | |
| | 252 | 150 | 8 | | | | |
| | 267 | 195 | | | | | |
| | 250 | 160 | 8 | | | | |
| | 138 | 30 | 7,8,5 | | | | |
| | 250 | 160 | | | | | |
| | 133 | 30 | 8 | | | | |
| | 271 | 190 | | | | | |
| | 98 | — | 8 | | | | |
| | 240 | 140 | 8 | | | | |
| | 240 | 145 | 8 | | | | |
| | 282 | 200 | 8 | | | | |
| | 269 | 180 | | | | | |
| | 270 | 170 | | | | | |
| | 113 | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 55 | 5025 | | | |
| RB | 59 | 4980 | | | |
| RB | 65 | 4000 | | | |
| GT | 70 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Dumbbell 4 SPECIES FOUND 1° RB 2° GT 3° Hyb

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings R.

DATE VISITED Aug. 27, '77 AREA 14.4 ha ( 36 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,389 m ( 11,120 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 12, 0

DESCRIPTION, REMARKS

Lake set in deep, granite basin. No trees, all boulder fields. Light visitor use. 30% < 5m deep. Inlet and outlet running. No stream. Fingerlins seen among gravels. Lake water fairly milky. Afternoon temperatures: 17°C (62°F) at 15m (49Ft.) (bottom); 15°C (58°F) at surface. Assume population reproducing well, but goldens don't seem to be making it.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 310 | 265 | 8 | | | | |
| RB | 275 | 180 | 8 | | | | |
| RB | 235 | 130 | | | | | |
| RB | 200 | ? | | | | | |
| RB | 270 | ? | | | | | |
| RB | 270 | ? | | | | | |
| RB | 245 | 130 | 8 | | | | |
| RB | 282 | 185 | 8 | | | | |
| RB | 220 | 110 | 8 | | | | |
| RB | 195 | 75 | | | | | |
| RB | 272 | 170 | 8 | | | | |
| RB | 301 | 220 | 8 | | | | |
| RB | 297 | 240 | | | | | |
| RB | 282 | 195 | | | | | |
| RB | 200 | 85 | 8 | | | | |
| GT | 110 | ? | 8 | | | | |
| Hyb | 266 | 170 | | | | | |
| RB | 285 | 181 | | | | | |
| RB | 260 | 150 | | | | | |
| RB | 301 | 230 | 8,7,1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dusy Basin 1 SPECIES FOUND 1° RB 2° HYB3°

TOPOMAP Mt. Goddard DRAINAGE Middle Fork Kings R.

DATE VISITED Aug. 27, '77 AREA 3.2 ha ( 8.0 ac)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SH | 31 | 1000 | GT | 65 | 3000 |
| GT | 31 | 2000 | GT | 70 | 3000 |
| GT | 32 | 5000 | | | |
| GT | 33 | 7500 | | | |
| GT | 34 | 8300 | | | |
| GT | 35 | 3600 | | | |
| GT | 54 | 9600 | | | |
| GT | 59 | 7000 | | | |

* = cont. below

EST. DEPTH 30 m ( 10 ft) ELEV. 3208 m ( 10,715 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 4 SECONDARY REASON(S) 12, 5, 0

DESCRIPTION, REMARKS

Shallow, productive lake. Deep spots small in relation to area of lake. Rooted aquatic cover the bottom. Thick green algae present along all shores. Emergent aquatic vegetation has filled in the center and inflow areas. Hundreds of fingerlings observed in more northly of two inflows. Hundreds more fish observed feeding. Outflow stream may provide spawning gournds for lakes 2 and 3 as well as lake # 1. Heavy visitor use. Sparse forested area with much exposed granite.

********** FISH COLLECTED **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Hyb | 170 | 50 | | | | | |
| Hyb | 188 | 60 | | | | | |
| Hyb | 203 | 65 | | | | | |
| Hyb | | | | | | | |
| RB | 170 | 40 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dusy Basin 2 SPECIES FOUND 1° RB 2° HYB3°

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 27, '77 AREA 2 ha ( 10.5 ac)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SH | 31 | 1000 | GT | 67 | 3000 |
| GT | 31 | 2000 | GT | 72 | 3000 |
| GT | 32 | 5000 | | | |
| GT | 33 | 7500 | | | |
| GT | 34 | 8300 | | | |
| GT | 35 | 3600 | | | |
| GT | 54 | 9600 | | | |
| GT | 59 | 7000 | | | |

* = cont. below

EST. DEPTH 6 m ( 18 ft) ELEV. 3272 m ( 10,734 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 6, 4 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

A shallow pond with good production but over reproduction. Est. 95% ∠ 5m deep. Boulder and organic bottom with large amounts of algae, rooted macrophytes, and shore sedges. Large gravel areas at inflow and outflow provides excellent spawning conditions. Moderate visitor use. Grasses, wildflowers, and sparse pines in area of exposed granite. Surface temp. 15.5° (60°F).

********** FISH COLLECTED **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 159 | 38 | — | | | | |
| RB | 117 | 15 | 8 | | | | |
| RB | 162 | 50 | 8 | | | | |
| RB | 172 | 60 | 8 | | | | |
| RB | 170 | 52 | 8 | | | | |
| RB | 170 | 60 | 8 | | | | |
| RB | 165 | 52 | — | | | | |
| RB | 146 | 48 | — | | | | |
| RB | 160 | 52 | — | | | | |
| RB | 170 | 55 | — | | | | |
| RB | 182 | 75 | — | | | | |
| Hyb | 178 | 70 | 8 | | | | |
| Hyb | 240 | 120 | 8,7,6 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dusy Basin 3 SPECIES FOUND 1° HYB 2° GT 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 27, '77 AREA 2 ha ( 5.0 ac)

EST. DEPTH 10 m ( 30 ft) ELEV. 3276 m ( 10,745 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 6, 4 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SU | 31 | 1000 | GT | 64 | 4000 |
| GT | 31 | 2000 | GT | 70 | 4000 |
| GT | 32 | 5000 | | | |
| GT | 33 | 8300 | | | |
| GT | 34 | 8000 | | | |
| GT | 35 | 3600 | | | |
| GT | 54 | 9600 | | | |
| GT | 59 | 7000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 70% < 5m deep. Good production but over reproduction causing fist to be stunted. Boulder and organic bottom with large amounts of algae, rooted macrophytes, and sedges near shore. Large gravel areas at inflow and outflow provide excellent spawning conditions. Moderate visitor use. Grasses, wildflowers, and sparse pines in area. Surface temperature 15.5°C (60°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 119 | | 8 | | | | |
| RB | 179 | 45 | 8 | | | | |
| RB | 121 | ? | – | | | | |
| RB | 200 | 75 | 8?,5 | | | | |
| RB | 152 | 50 | – | | | | |
| RB | 183 | 65 | – | | | | |
| Hyb | 184 | 60 | – | | | | |
| Hyb | 239 | 100 | 8 | | | | |
| Hyb | 175 | 45 | – | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dusy Basin 4 SPECIES FOUND 1° HYB 2° RB 3° GT

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 24, '77 AREA 3.6 ha ( 9.0 ac)

EST. DEPTH Unk m ( ft) ELEV. 3,414 m ( 11,200 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 12 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SU | 31 | 1000 | GT | 67 | 3000 |
| GT | 31 | 2000 | GT | 69 | 4000 |
| SU | 32 | 4000 | | | |
| SU | 33 | 4000 | | | |
| RB | 34 | 3000 | | | |
| GT | 35 | 3600 | | | |
| GT | 57 | 5100 | | | |
| GT | 59 | 7000 | | | |

* = cont. below

DESCRIPTION, REMARKS

One outlet with reproductive capability. One inlet with reproductive capability. A 38cm waterfall at the inlet is an effective barrier to upstream migration. This is a deep lake, with a shallow (3m) south area. Approximately 40% of shoreline is shelf under 3m. Clean water, but a great deal of suspended algae. Very prolific! All age classes and a very diverse population of all degrees of hybridization. Rubble and rock bottom. No rooted aquatics. Fair spawning at outlet; 2 inlet spawning grounds. Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 205 | 32 | | Hyb | 174 | 50 | |
| RB | 190 | 65 | | " | 216 | 110 | |
| RB | 202 | 90 | | | 178 | 55 | |
| RB | 181 | 60 | | | 180 | 55 | |
| RB | 120 | 15 | | | 181 | 50 | |
| GT | 226 | 100 | | | 166 | 50 | |
| GT | 220 | 100 | | | | | |
| Hyb | 131 | – | | | | | |
| " | 190 | 40 | | | | | |
| " | 216 | 90 | | | | | |
| " | 214 | 85 | | | | | |
| " | 202 | 85 | | | | | |
| " | 191 | 80 | | | | | |
| " | 190 | 70 | | | | | |
| " | 211 | 80 | | | | | |
| " | 114 | 15 | | | | | |
| " | 182 | 60 | | | | | |
| " | 236 | 115 | | | | | |
| " | 186 | 60 | | | | | |
| " | 190 | 70 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dusy Basin 5 SPECIES FOUND 1° HYB 2° RB 3° GT

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 25, '77 AREA 3.4 ha ( 8.5 ac)

EST. DEPTH Unk m ( ft) ELEV. 3,462 m ( 11,360 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 12 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SH | 31 | 1000 | GT | 71 | 3000 |
| GT | 31 | 2000 | | | |
| SH | 33 | 4000 | | | |
| RB | 34 | 3000 | | | |
| GT | 35 | 3600 | | | |
| GT | 57 | 5100 | | | |
| GT | 59 | 7000 | | | |
| GT | 65 | 3300 | | | |

* = cont. below

DESCRIPTION, REMARKS

This lake has one inlet and one outlet, both with spawning grounds. Much algae in water. Some rooted plants (Isoetes). 30% of this lake is < 3m deep, with gravelly sand and rubble bottom about half and half. All age classes present. Very prolific. Outlet has good flow. Great diversity of hybridization. Fish and Game data.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 290 | 240 | 5yrs (otoliths) | Hyb | 200 | 140 | |
| RB | 240 | 190 | | Hyb | 130 | 30 | |
| RB | 231 | 175 | | | | | |
| RB | 184 | 75 | | | | | |
| RB | 154 | 50 | | | | | |
| RB | 158 | 50 | | | | | |
| RB | 134 | 25 | | | | | |
| RB | 186 | 10 | | | | | |
| GT | 220 | 140 | | | | | |
| GT | 246 | 230 | | | | | |
| GT | 228 | 165 | | | | | |
| GT | 239 | 175 | | | | | |
| GT | 222 | 135 | | | | | |
| Hyb | 230 | 160 | | | | | |
| Hyb | 230 | 200 | | | | | |
| Hyb | 218 | 165 | | | | | |
| Hyb | 208 | 125 | | | | | |
| Hyb | 208 | 155 | | | | | |
| Hyb | 202 | 150 | | | | | |
| Hyb | 190 | 120 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Dusy Basin 6 SPECIES FOUND 1° RB 2° GT 3° HYB

TOPOMAP Mt. Goddard DRAINAGE Middle Fork Kings River

DATE VISITED Aug. 31, '77 AREA 4 ha ( 10 ac)

EST. DEPTH 10 m ( 33 ft) ELEV. 3,454 m ( 11,400 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 5

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO |
|---|---|---|---|---|---|
| SH | 31 | 1000 | GT | 64 | 4( |
| GT | 31 | 2000 | GT | 70 | 4( |
| SH | 33 | 4000 | | | |
| RB | 34 | 3000 | | | |
| GT | 34 | 2000 | | | |
| GT | 35 | 3600 | | | |
| GT | 57 | 5100 | | | |
| GT | 59 | 7000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 80% < 5m deep. Bottom organic oooze over rock, some attached and rooted aquatics. Gravel at several inflow streams (now dry). Visitor use heavy. Rainbows present, not stocked since 1934. Surface temp. 15.5°C (60°F). Wildflowers and shrubs but no large trees in area.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 265 | 160 | 6 | | | | |
| RB | 280 | 190 | 1,7 | | | | |
| RB | 155 | 40 | 3,0 | | | | |
| RB | 145 | 35 | 0 | | | | |
| RB | 215 | 90 | 5,8 | | | | |
| RB | 270 | 200 | 8,1 | | | | |
| RB | 275 | 200 | 1,8 | | | | |
| RB | 242 | 140 | 5 | | | | |
| RB | 220 | 100 | 1 | | | | |
| RB | 232 | 140 | 8,1 | | | | |
| RB | 228 | 115 | 0 | | | | |
| RB | 218 | 100 | 6 | | | | |
| RB | 290 | 220 | 1 | | | | |
| RB | 215 | 90 | 0 | | | | |
| RB | 185 | 60 | 6 | | | | |
| RB | 190 | 60 | 6 | | | | |
| Hyb | 228 | 125 | 1 | | | | |
| GT | 232 | 120 | 4 | | | | |
| GT | 282 | 200 | 6,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SH | 31 | 1000 | GT | 57 | 5100 |
| GT | 31 | 2000 | GT | 59 | 7000 |
| SH | 32 | 4000 | GT | 64 | 7000 |
| SH | 33 | 4000 | GT | 69 | 3000 |
| RB | 34 | 3000 | | | |
| GT | 35 | | | | |
| GT | 41 | 5000 | | | |
| GT | 54 | 9600 | | | |

* = cont. below

NAME Dusy Basin 7 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 31, '77 AREA 8.9 ha ( 22.00 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,452 m ( 11,393 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 2 PRIMARY REASON(S) 13, 0 SECONDARY REASON(S) 5

DESCRIPTION, REMARKS

Large, deep, rocky lake with no vegetation observed in lake or on shore. Good spawning gravel along north shore near inlet (actually a sandy beach) but the total area of gravel is very small in relation to the lake. Very few trout seen or caught. No fish caught in net (4 hours during afternoon). Lake may be fished out, or spawning area may not be sufficient. Outflow rocky, no gravel. Moderate visitor use.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 173 | 40 | 8 | | | | |
| RB | 327 | 320 | 6,8 | | | | |
| RB | 393 | 490 | 7,1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 22 | 2000 | EB | 33 | 4000 |
| UNK | 24 | 2000 | EB | 34 | 6000 |
| EB | 27 | 4000 | EB | 37 | 2400 |
| EB | 28 | 9000 | EB | 43 | 6080 |
| EB | 29 | 4000 | EB | 44 | 4700 |
| EB | 30 | 4000 | EB | 45 | 3700 |
| EB | 31 | 5000 | EB | 46 | 9440 |
| EB | 32 | 6000 | EB | 47 | 5000 |

* = cont. below

NAME Emerald SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE Marble Fk. Kaweah River

DATE VISITED June 18, '77 AREA 2.6 ha ( 6.5 ac)

EST. DEPTH 720 m ( 66 ft) ELEV. 2,804 m ( 9,200 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

Set in granite cirque. Vegetation sparse. Shoreline 90% rock. No rooted plants seen. Bottom covered with thin layer of fine detritus. Inlet and outlet flowing. Moderately heavy visitor use. Population appears to be reproducing well, and overrunning food supply.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 301 | 275 | 7 | EB | 180 | 42 | — |
| | 206 | 60 | 1 | EB | 184 | 48 | 1 |
| | 213 | 80 | 1 | EB | 225 | 80 | — |
| | 209 | 80 | — | EB | 192 | 62 | — |
| | 264 | 162 | — | EB | 197 | 62 | 1 |
| | 242 | 108 | 1 | EB | 192 | 61 | — |
| | 221 | 95 | 1 | EB | 186 | 49 | 1 |
| | 245 | 115 | 7 | EB | 184 | 42 | — |
| | 237 | 98 | — | EB | 219 | 75 | — |
| | 245 | 106 | — | EB | 178 | 45 | 1 |
| | 178 | 55 | — | EB | 248 | 121 | — |
| | 188 | 52 | — | EB | 211 | 77 | — |
| | 184 | 55 | 1 | EB | 237 | 111 | — |
| | 130 | 10 | — | EB | 211 | 76 | — |
| | 206 | 67 | 1 | EB | 239 | 97 | — |
| | 183 | 46 | — | EB | 219 | 85 | — |
| | 186 | 50 | — | EB | 227 | 82 | — |
| | 192 | 60 | 1 | EB | 216 | 82 | 1 |
| | 214 | 75 | 1 | EB | 254 | 145 | — |
| | 178 | 50 | 1 | EB | 232 | 90 | — |
| | | | | | 222 | 111 | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EB | 48 | 3200 | EB | 59 | 2250 | | | | | | |
| EB | 50 | 12480 | | | | | | | | | |
| EB | 55 | 2450 | | | | | | | | | |

NAME Evolution SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE San Joaquin R.

DATE VISITED Aug. 31, '77 AREA 26 ha ( 65.0 ac)

EST. DEPTH Unk. m ( ft) ELEV. 3,350 m ( 10,990 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 12 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 228 | | | |
| GT | 54 | 4800 | | | |
| GT | 57 | 5100 | | | |
| GT | 63 | 5200 | | | |
| GT | 34 | 8000 | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Definitely a good, self-sustaining lake with excellent spawning. Good spawning habitat found at inlet. Only a short distance of marginal spawning habitat in the outlet. Fish and Game data.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 210 | 70 | | GT | 89 | 10 | |
| GT | 191 | 60 | | GT | 127 | 15 | |
| GT | 224 | 100 | | GT | 196 | 65 | |
| GT | 208 | 75 | | GT | 218 | 100 | |
| GT | 196 | 60 | | GT | 213 | 85 | |
| GT | 206 | 70 | | GT | 224 | 100 | |
| GT | 203 | 80 | | GT | 224 | 95 | |
| GT | 208 | 75 | | GT | 109 | 10 | |
| GT | 198 | 60 | | GT | 210 | 75 | |
| GT | 213 | 80 | | GT | 213 | 80 | |
| GT | 206 | 80 | | GT | 210 | 80 | |
| GT | 218 | 95 | | GT | 218 | 90 | |
| GT | 210 | 80 | | GT | 206 | 85 | |
| GT | 193 | 65 | | GT | 198 | 65 | |
| GT | 189 | 60 | | GT | 193 | 65 | |
| GT | 196 | 60 | | GT | 163 | 45 | |
| GT | 203 | 75 | | GT | 201 | 75 | |
| GT | 203 | 65 | | GT | 145 | 25 | |
| GT | 208 | 80 | | GT | 173 | 50 | |
| GT | 117 | 10 | | GT | 122 | 15 | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Ferguson 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE W. Fork Ferguson, S. Fork Kings R.

DATE VISITED June 22, '77 AREA 3 ha ( 7.5 ac)

EST. DEPTH 10 m ( 33 ft) ELEV. 3,072 m ( 10,080 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13, 0

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 53 | 2000 | | | |
| RB | 60 | 4000 | | | |
| RB | 63 | 4000 | | | |
| RB | 68 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Moderate visitor use. Moderately difficult accessibility. Bottom mainly bedrock-boulder, some sand at inlet. Fairly good spawning areas in outlet. Afternoon temperatures: 14°C (56°F) at surface; 12°C (53°F) at 7m (bottom). From net catch assume either population reproducing, with probably a high rate of cannibalism or spawning may have been inhibited by drought for several years. No rooted aquatic plants seen. Thick scum of mosquito larvae cases at windward end of lake.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 242 | 155 | | | | | |
| RB | 242 | 160 | b | | | | |
| RB | 197 | 75 | b | | | | |
| RB | 244 | 150 | b | | | | |
| RB | 315 | 335 | | | | | |
| RB | 318 | 335 | b | | | | |
| RB | 257 | 175 | b | | | | |
| RB | 282 | 225 | b | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 65 | 4000 | | | |
| RB | 70 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Ferguson 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE W. Fork Ferguson Cr. S. Fork Kings River

DATE VISITED June 22, '77 AREA 4 ha ( 10 ac)

EST. DEPTH 20 m ( 66ft) ELEV. 3,145m ( 10,320 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 12 SECONDARY REASON(S) 5, 0

DESCRIPTION, REMARKS

Lake in low, flattish basin. Few stunted trees and shrubs, mixed with grasses. Bottom of lake mainly bedrock, covered with sand, or in some places a fine layer of organic debris. Inlet and outlet running, outlet has good spawning sands and grovels. Many caddisfly cases on bottom. Moderately light visitor use. Assume population reproducing, but not abundant.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 194 | 65 | | | | | |
| RB | 279 | 260 | b | | | | |
| RB | 273 | 265 | b | | | | |
| RB | 298 | 285 | b | | | | |
| RB | 285 | 275 | b | | | | |
| RB | 305 | 295 | 2 | | | | |
| RB | 292 | 280 | b | | | | |
| RB | 346 | 485 | | | | | |
| RB | 276 | 270 | b | | | | |
| RB | 333 | 420 | b | | | | |
| RB | 330 | 410 | 2 | | | | |
| RB | 279 | 265 | b | | | | |
| RB | 330 | 395 | b | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 55 | 5000 | | | |
| GT | 64 | 3500 | | | |
| GT | 70 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Glacier 1 SPECIES FOUND 1° GT 2° Hyb 3°

TOPOMAP Marion Pk. DRAINAGE Glacier Creek-Mid Kings R.

DATE VISITED Aug. 13, '77 AREA 6.8 ha ( 17.0 ac)

EST. DEPTH 10 m ( 32.5ft) ELEV. 3,179 m ( 10,429 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 12 SECONDARY REASON(S) 5

DESCRIPTION, REMARKS

Shoreline approximately 25% boulder fields with grasses and forest taking up 75%. Many aquatic plants and algae, some organic debris, boulders, sand and gravel on bottom. Est. some 40%<5m deep. Inflow and outflow provide good gravel for spawning but are now dry due to drought. Many small trout and fingerlings observed and caught.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 210 | 100 | 1 | GT | 158 | 40 | 1 |
| GT | 212 | 105 | 1 | GT | 240 | 115 | 1 |
| GT | 214 | 97 | 5,8 | GT | 230 | 135 | 5 |
| GT | 203 | 100 | 1 | GT | 208 | 95 | 1 |
| GT | 210 | 100 | 5 | GT | 239 | 125 | 1 |
| GT | 222 | 102 | 5,8 | GT | 206 | 75 | |
| GT | 193 | 75 | 5,8 | GT | 173 | 35 | |
| GT | 209 | 90 | 5 | | | | |
| GT | 180 | 60 | 1,8 | | | | |
| GT | 224 | 100 | 1 | | | | |
| GT | 206 | 85 | 5 | | | | |
| GT | 222 | 100 | 5 | | | | |
| Hyb | 230 | 120 | 5,8 | | | | |
| GT | 211 | 95 | 1 | | | | |
| GT | 236 | 120 | 5,7 | | | | |
| GT | 159 | 55 | 5,8 | | | | |
| GT | 207 | 90 | 5 | | | | |
| GT | 194 | 80 | 5 | | | | |
| GT | 198 | 90 | 1 | | | | |
| Hyb | 212 | 105 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Glacier 2 SPECIES FOUND 1° Hyb 2° GT 3°

TOPOMAP Marion Pk. DRAINAGE Glacier Creek-Mid Kings R.

DATE VISITED Aug. 14, '77 AREA 10 ha ( 25.0 ac)

EST. DEPTH 12 m ( 25 ft) ELEV. 3,213 m ( 10,540 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 55 | 7500 | | | |
| GT | 59 | 3000 | | | |
| GT | 64 | 3500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Shoreline approximately 70% boulders, grasses and forest. Bottom near shore is sand and gravel, very large to fist size boulders further out. Isoetes present to approximately 6 inches of water. Ext. 30% < 5m deep. Temp. at bottom 11m (36 Ft.) 61°F. Inflow flowing but weak. It does provide some good spawning gravel but poor accessibility, especially for large fish. Outflow not flowing and provides poor spawning gravel but good accessibility. Based on sizes and date of last stocking, we suspect a slowly reproducing population. We also suspect that these few large fish are further reducing the population by eating young fish.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 596 | 2470 | 58.7 | | | | |
| GT | 370 | 590 | 5.8 | | | | |
| GT | 233 | 180 | 1 | | | | |
| GT | 269 | 220 | 5 | | | | |
| Hyb | 215 | 105 | 1.8 | | | | |
| { | 320 | 390 | 5 | | | | |
| { | 265 | 200 | 5.8 | | | | |
| { | 360 | 445 | 5 | | | | |
| { | 221 | 120 | 1.8 | | | | |
| { | 256 | 205 | 5 | | | | |
| { | 230 | 150 | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Goethe Basin 1 SPECIES FOUND 1° 2° 3°

TOPOMAP Mt. Goddard DRAINAGE San Joaquin River

DATE VISITED Aug. 31, '77 AREA 23.7 ha ( 59.3 ac)

EST. DEPTH Unk m ( ft) ELEV. 3,536 m ( 11,600 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | N |
|---|---|---|---|---|---|
| GT | 28 | 40 | | | |
| GT | 54 | 3000 | | | |
| GT | 57 | 5100 | | | |
| GT | 60 | 7000 | | | |
| GT | 67 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Very clear and sterile. Gill net set for 18 hours, yielded no fish.
Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 42 | | | |
| GT | 54 | 3000 | | | |
| GT | 60 | 7000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Goethe Basin 2 SPECIES FOUND 1° 2° 3°

TOPOMAP Mt. Goddard DRAINAGE San Joaquin River

DATE VISITED Aug. 31, '77 AREA 262 ha ( 65.5 ac)

EST. DEPTH Unk m ( ft) ELEV. 3,536 m ( 11,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Clear and sterile lake. Gill net set for 18 hours, yielded no fish.
Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 67 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Golden Bear SPECIES FOUND 1° Hyb 2° RB 3° GT

TOPOMAP Mt. Whitney DRAINAGE Center Basin - Bubbs Creek

DATE VISITED July 28, '77 AREA 8 ha ( ~~20~~ ac)

EST. DEPTH 7 m ( 22 ft) ELEV. 3,386 m (11,175 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 4, 6 SECONDARY REASON(S) 5, 12, 0

DESCRIPTION, REMARKS

Shoreline rock and much grass, very few stunted pines. Bottom sand, silt, gravel near outflow, small to medium boulders and organic debris, as well as rooted aquatic plants. Est. 95% < 5m deep. Temp. at surface 14°C (57°F). Inflow and outflow both provide very good spawning with good accessibility. Fish were observed in the streams. The presence of rainbows, goldens and hybrids of many sizes as well as the fact that the lake has not been stocked in ten years support the conclusion of a reproducing population.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 234 | 97 | 1 | GT | 234 | 115 | |
| RB | 195 | 90 | | | | | |
| RB | 222 | 105 | | | | | |
| RB | 165 | 60 | | | | | |
| RB | 185 | 80 | | | | | |
| RB | 236 | 118 | | | | | |
| RB | 135 | 35 | | | | | |
| RB | 198 | 90 | | | | | |
| RB | 178 | 65 | | | | | |
| Hyb | 198 | 70 | | | | | |
| Hyb | 210 | 100 | | | | | |
| Hyb | 226 | 90 | 42.7 | | | | |
| Hyb | 190 | 75 | | | | | |
| Hyb | 198 | 60 | | | | | |
| Hyb | 228 | 132 | | | | | |
| Hyb | 223 | 105 | | | | | |
| Hyb | 220 | 115 | | | | | |
| Hyb | 220 | 105 | | | | | |
| Hyb | 195 | 97 | | | | | |
| Hyb | 183 | 55 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 74 | 1500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

NAME Granite SPECIES FOUND 1° EB 2° 3°

TOPOMAP Marion Peak DRAINAGE Granite Basin-S. Fork Kings R.

DATE VISITED Aug. 14, '77 AREA 20.12 ha ( 50.3 ac) * = cont. below

EST. DEPTH 20 m ( 66 ft) ELEV. 3,130 m ( 10,456 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 9, 0

DESCRIPTION, REMARKS

Organic and rock bottom with many gravel areas especially at the shoreline and outflow stream. Small sparse Isoetes. High density stunted EB. Heavy visitor use and impact, especially by stock. Surface temp. 16.6°C (62°F). Temp. at 9m 16.1°C (61°F). Lake level .2m (.6 Ft.) below outflow. Sparse forest and exposed granite in area.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 197 | 78 | 8 | | | | |
| EB | 190 | 65 | | | | | |
| EB | 191 | 78 | | | | | |
| EB | 196 | 78 | | | | | |
| EB | 175 | 70 | | | | | |
| EB | 197 | 80 | | | | | |
| EB | 195 | 75 | | | | | |
| EB | 208 | 75 | | | | | |
| EB | 204 | 75 | | | | | |
| EB | 198 | 75 | | | | | |
| EB | 211 | 77 | | | | | |
| EB | 213 | 73 | 6,7 | | | | |
| EB | 204 | 75 | 0 | | | | |
| EB | 177 | 65 | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| CT | 28 | 100 | | | |
| RB | 55 | 7500 | | | |
| RB | 60 | 7500 | | | |
| RB | 65 | 4000 | | | |
| RB | 68 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

NAME Grouse SPECIES FOUND 1° 2° 3°

TOPOMAP Marion Pk. DRAINAGE Granite Basin-S. Kings R.

DATE VISITED Aug. 14, '77 AREA 8 ha ( 20.0 ac) * = cont. below

EST. DEPTH 12 m ( 40 ft) ELEV. 3,135 m ( 10,473 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 4 (5) PRIMARY REASON(S) 1 SECONDARY REASON(S) 9

DESCRIPTION, REMARKS

Est. 70% < 5m deep. Organic bottom with sparse gravel areas especially at outflow, but probably little or no natural reproduction. No fish caught in gill net but several rises observed. Small Isoetes on bottom. Heavy visitor use. Surface temp. 17.7°C (64°F). Forest and exposed gravel in area.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 42 | | | |
| GT | 33 | 8000 | | | |
| GT | 34 | 7000 | | | |
| GT | 35 | 12000 | | | |
| GT | 36 | 22610 | | | |
| GT | 65 | 7800 | | | |
| GT | 69 | 4000 | | | |
| GT | 72 | 4000 | | | |

* = cont. below

NAME Helen SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Fork Kings River

DATE VISITED Aug. 30, '77 AREA 31.5 ha ( 78.75 ac)

EST. DEPTH — m ( — ft) ELEV. 3,539 m ( 11,612 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 PRIMARY REASON(S) 7, 11 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Food and spawning poor. Lake close to barren. No other fish seen. Surface temp. 10.5°C (51°F), clear and calm. Outlet and inlets were rocky and unsuitable for spawning. Fish and Game data.

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 15000 | | | |
| GT | 35 | 6000 | | | |
| GT | 58 | 7000 | | | |
| GT | 63 | 3400 | | | |

* = cont. below

NAME Hitchcock 1 SPECIES FOUND 1° HYB 2° GT 3° RB

TOPOMAP Mt. Whitney DRAINAGE Whitney Creek - Kern River

DATE VISITED Aug. 6, '77 AREA 13.7 ha ( 34.2 ac)

EST. DEPTH 12 m ( 39.6ft) ELEV. 3,515 m ( 11,600 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Inflow to Hitchcock #1 is outflow from Hitchcock #2. Spawning in gravel in bottom, as well as gravel along east shore of #1. Wide variety of sizes caught in net. Fish were in reproductive condition. No aquatic plants seen. Area around lake rocky, treeless. Visitor use heavy (near John Muir trail).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 470 | 870 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Hyb | 40 | 144 | — | Hyb | 30 | 157 | 0 |
| | 40 | 150 | — | | 75 | 180 | 0 |
| | 50 | 162 | — | | 140 | 228 | 5 |
| | 170 | 245 | — | | 180 | 266 | 4 |
| | 220 | 275 | — | | 160 | 260 | 4 |
| | 200 | 267 | — | | 265 | 300 | 4.8 |
| | 105 | 248 | — | | 160 | 255 | 4 |
| | 100 | 211 | — | | 140 | 245 | 1 |
| GT | 170 | 202 | — | | 140 | 230 | 5.8 |
| GT | 150 | 251 | 5 | | 170 | 260 | 1 |
| GT | 150 | 240 | — | | | | |
| GT | 200 | 267 | — | | | | |
| GT | 190 | 271 | 5 | | | | |
| GT | 140 | 234 | 5.7 | | | | |
| GT | 110 | 241 | 4.8 | | | | |
| GT | 180 | 274 | 5 | | | | |
| RB | 30 | 140 | 0 | | | | |
| RB | 40 | 155 | 0 | | | | |
| RB | 120 | 838 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 15000 | | | |
| GT | 35 | 6000 | | | |
| GT | 58 | 7000 | | | |
| GT | 63 | 3400 | | | |
| GT | 69 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Hitchcock 2 SPECIES FOUND 1° GT 2°Hyb 3°

TOPOMAP Mt. Whitney DRAINAGE Whitney Cr. - Kern R.

DATE VISITED Aug. 6, '77 AREA 13.2 ha ( 33.1 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,515 m (11,600 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S) 13

DESCRIPTION, REMARKS

For description of area, see Lake # 1. Net set near outflow. All fish captured were approx. the same size, all large. Fish were in spawning condition with mature and immature eggs, some with milt. Size distribution in this lake suggests there is no migration of fry or small fish from Lake # 1 upstream to Lake # 2. Air temp. 13.3°C (56°F), surface temp. 11.6°C (53°F), temp. at 18m, 11.1°C (52°F). No rooted plants seen.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 378 | — | | | | | |
| GT | 378 | 320 | | | | | |
| GT | 305 | 245 | | | | | |
| GT | 282 | 205 | 3 | | | | |
| GT | 357 | — | | | | | |
| GT | 335 | 365 | 2 | | | | |
| GT | 225 | 190 | 4 | | | | |
| GT | 325 | 365 | 4.8 | | | | |
| GT | 325 | 320 | 4.7 | | | | |
| GT | 341 | 350 | 6 | | | | |
| Hyb | 292 | 340 | | | | | |
| Hyb | 313 | 380 | | | | | |
| Hyb | 338 | 350 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 28 | 3000 | RB | 67 | 200 |
| EB | 29 | 4000 | RB | 73 | 300 |
| EB | 31 | 5000 | | | |
| EB | 35 | 3200 | | | |
| EB | 44 | 4960 | | | |
| EB | 46 | 3640 | | | |
| EB | 49 | 9990 | | | |
| RB | 64 | 2000 | | | |

* = cont. below

NAME Hockett 1 SPECIES FOUND 1° — 2° 3°

TOPOMAP Mineral Kings DRAINAGE S. Fork Kaweah R.

DATE VISITED June 29, '77 AREA 1.9 ha ( 4.7 ac)

EST. DEPTH 3 m ( 9 ft) ELEV. 2,591 m ( 8,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Located in small basin surrounded by low hills. Much vegetation. Lodgepole pine forest. Bottom is mud, silt and organic debris. 100% < 4m. Lake seems quite productive, but prone to freeze-out. Lake is barren. Moderate visitor use. Fairly easy accessibility.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 30 | 1300 | | | |
| EB | 35 | 3200 | | | |
| EB | 36 | 3000 | | | |
| EB | 37 | 1300 | | | |
| EB | 38 | 2500 | | | |
| RB | 64 | 2000 | | | |
| RB | 67 | 2000 | | | |
| RB | 72 | 2000 | | | |

* = cont. below

NAME Hockett 2 SPECIES FOUND 1° —2° 3°

TOPOMAP Mineral King DRAINAGE S. Fork Kaweah R.

DATE VISITED June 30, '77 AREA 2.8 ha ( 7.1 ac)

EST. DEPTH 2 m ( 6ft) ELEV. 2,591 m (8,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Same general setting and basin as Hockett # 1. Maximum depth 2m, prone to freeze-out. Many rooted plants, quite a productive lake. Outlet barely flowing. Inlet is mainly by ground water flow. Bottom covered with organic debris and rooted plants. Lake is barren.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 30 | 1300 | | | |
| EB | 35 | 3200 | | | |
| EB | 36 | 3000 | | | |
| EB | 37 | 1300 | | | |
| EB | 38 | 2500 | | | |
| RB | 64 | 2000 | | | |
| RB | 67 | 2000 | | | |
| RB | 71 | 2040 | | | |

* = cont. below

NAME Hockett 3 SPECIES FOUND 1° — 2° 3°

TOPOMAP Mineral Kings DRAINAGE S. Fork Kaweah R.

DATE VISITED June 30, '77 AREA 1.7 ha ( 4.2 ac)

EST. DEPTH 2 m ( 6 ft) ELEV. 2,591 m ( 8,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Lake in same basin as #1 and #2. Vegetation, depth and rooted plants identical. This lake is also barren. Surface temp. 27°C (80°F). Temp. at 2m (bottom). 24°C (76°F)

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Horseshoe 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Peak DRAINAGE Mid F. Kings R.

DATE VISITED Aug. 11, '77 AREA 3.4 ha ( 8.5 ac)

EST. DEPTH 10 m ( 33 ft) ELEV. 3,219 m ( 10,560 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 2 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 52 | 8700 | | | |
| RB | 59 | 5000 | | | |
| RB | 63 | 4500 | | | |
| RB | 68 | 3000 | | | |
| RB | 74 | 2000 | | | |
| SH | 30 | 3500 | | | |
| GT | 28 | UNK | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Fry seen in inlet stream. Outlet not flowing. Small gravels where inlet enters lake. Some fish may come down from lake above. 40% of lake perimeter boulder fields, 60% grass and forest. 40% < 5m deep. Visitor use moderate. Moring temp.: 14°C (58°F) at 9m (bottom); 17°C (63°F) at surface.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 240 | 80 | | RB | 218 | 120 | 1 |
| RB | 245 | 95 | | RB | 237 | 180 | 1 |
| RB | 205 | 115 | | RB | 222 | 105 | 0 |
| RB | 174 | 60 | 6,8 | RB | 208 | 110 | 5 |
| RB | 280 | 115 | 1,7,8 | RB | 256 | 167 | 0 |
| RB | 214 | 100 | 0 | RB | 220 | 110 | 0 |
| RB | 229 | 135 | 5 | RB | 225 | 109 | 5 |
| RB | 165 | 55 | 5 | RB | 267 | 115 | 6 |
| RB | 145 | 40 | 0,8 | RB | 240 | 125 | 0 |
| RB | 152 | 40 | 0 | RB | 245 | 150 | 5 |
| RB | 242 | 185 | 0 | RB | 149 | 45 | 5 |
| RB | 216 | 115 | 5 | RB | 230 | 120 | 1 |
| RB | 240 | 140 | 0 | RB | 225 | 125 | 1 |
| RB | 160 | 55 | 0 | RB | 221 | 130 | 0 |
| RB | 229 | 120 | 5 | RB | 260 | 160 | 1 |
| RB | 255 | 165 | 0 | RB | 225 | 115 | 1 |
| RB | 217 | 120 | 3 | RB | 169 | 55 | 5 |
| RB | 250 | 135 | 5 | RB | 242 | 140 | 0 |
| RB | 240 | 120 | 1 | RB | 260 | 155 | 1 |
| RB | 275 | 150 | 0 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Horseshoe 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid F. Kings R.

DATE VISITED Aug. 12, '77 AREA 1.2 ha ( 3.0 ac)

EST. DEPTH 5 m ( 16.5ft) ELEV. 3,200 m ( 10,500 ft) REL. PLANKTON ABUNDANC H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 0, 12 SECONDARY REASON(S)

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO |
|---|---|---|---|---|---|
| GT | 28 | UNK | | | |
| RB | 30 | 3500 | | | |
| RB | 52 | 6900 | | | |
| RB | 59 | 5000 | | | |
| RB | 63 | 4500 | | | |
| RB | 68 | 3000 | | | |
| RB | 74 | 2000 | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Shoreline mainly grasses and forest approximately 20% exposed rock. Bottom has much silt, sand and boulders. Many reeds and other aquatic plants. Ext. 100% < 5m deep. Temp. at surface 18°C (64°F). Inflow (south) provides limited quantities of very good easily accessible gravel and fingerlings were observed here. Inflow (north) almost dry when visited and not suitable for rainbow reproduction. Outflow has very limited gravel and accesibility is poor. Visitor usage moderate and accessibility is easy on good trails.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 205 | 80 | | RB | 232 | 80 | 8 |
| RB | 254 | 120 | | RB | 220 | 75 | 1,7 |
| RB | 221 | 90 | | RB | 193 | 45 | |
| RB | 217 | 90 | 8 | RB | 215 | 63 | |
| RB | 218 | 105 | | RB | 221 | 75 | |
| RB | 218 | 110 | | RB | 234 | 80 | |
| RB | 163 | 45 | 8 | RB | 239 | 90 | |
| RB | 215 | 90 | | RB | 225 | 70 | |
| RB | 210 | 90 | | RB | 209 | 60 | |
| RB | 218 | 105 | | | | | |
| RB | 213 | 100 | | | | | |
| RB | 230 | 120 | | | | | |
| RB | 218 | 105 | | | | | |
| RB | 168 | 40 | | | | | |
| RB | 239 | 90 | | | | | |
| RB | 217 | 50 | | | | | |
| RB | 194 | 50 | | | | | |
| RB | 232 | 80 | | | | | |
| RB | 215 | 60 | 8 | | | | |
| RB | 212 | 65 | 8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 0075 | | | |
| SH | 30 | 3500 | | | |
| RB | 55 | 5025 | | | |
| RB | 74 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Horseshoe 3 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk DRAINAGE Mid F. Kings River

DATE VISITED Aug. 12, '77 AREA 3.6 ha ( 9.1 ac)

EST. DEPTH 10m ( 33 ft) ELEV. 3,254m (10,500 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 4 PRIMARY REASON(S) 7, & 1974 Stocking SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Area around this lake is mainly boulders with grasses. Approximately 10% tree-lined. This lake sits in a small drainage and so has no proper inflow. Bottom silt, sand and boulders with Isoetes and Nitella growing on it. Est. 25% < 5m. Temp. at surface 19°C (66°F) and at 9m (31.5 ft) 18°C (65°F). Outflow dry when visited but it does not appear to be suitable for spawning. Since it was last stocked in 1974 and all fish caught are within a few centimeters of each other, this lake is considered to probably not be reproducing. Visitor usage light to moderate with easy accessability.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 242 | 135 | | RB | 223 | 110 | |
| RB | 225 | 200 | 4,7,8 | | | | |
| RB | 245 | 170 | | | | | |
| RB | 222 | 210 | 0,8 | | | | |
| RB | 252 | 205 | | | | | |
| RB | 254 | 280 | | | | | |
| RB | 239 | 160 | | | | | |
| RB | 258 | 180 | | | | | |
| RB | 251 | 170 | 1 | | | | |
| RB | 259 | 160 | 1 | | | | |
| RB | 241 | 140 | 1,8 | | | | |
| RB | 255 | 150 | 5 | | | | |
| RB | 251 | 150 | 1 | | | | |
| RB | 241 | 125 | 5 | | | | |
| RB | 236 | 140 | 5 | | | | |
| RB | 237 | 150 | 5 | | | | |
| RB | 235 | 130 | 5 | | | | |
| RB | 241 | 135 | 5 | | | | |
| RB | 240 | 150 | 1 | | | | |
| RB | 254 | 165 | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 53 | 6000 | | | |
| RB | 59 | 5000 | | | |
| RB | 65 | 4000 | | | |
| RB | 71 | 2040 | | | |
| RB | 76 | 7000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Josephine SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Sugarloaf

DATE VISITED June 20, '77 AREA 13.5 ha ( 33.75 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,179 m ( 10,430 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 2 SECONDARY REASON(S) 3, 12

DESCRIPTION, REMARKS

East. 20% < 5m deep. Organic and boulder bottom. Healthy populations of RB's. Several large fish observed up in tiny gravel show runoff stream. Attached algae on much of the bottom. Many small fish observed. Most of the larger fish were mature and ready ofr spawning (mature eggs and milt found). Light visitor use. Forested area. Surface temp. 52°F, temperature at 18m (60 Ft.) 9.5°C (49°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 214 | – | | RB | 219 | – | |
| RB | 126 | – | | RB | 140 | – | 6 |
| RB | 268 | – | | RB | 234 | – | 2 |
| RB | 250 | – | | RB | 244 | – | 5 |
| RB | 239 | – | | RB | 188 | – | 5 |
| RB | 196 | – | | RB | 151 | – | 1 |
| RB | 232 | – | | RB | 116 | – | |
| RB | 228 | – | | RB | 256 | – | 2 |
| RB | 209 | – | | RB | 267 | – | |
| RB | 162 | – | | RB | 250 | – | |
| RB | 308 | – | 1 | RB | 222 | – | 5 |
| RB | 220 | – | | RB | 262 | – | |
| RB | 292 | – | 2 | RB | 167 | – | |
| RB | 191 | – | | RB | 247 | – | |
| RB | 230 | – | | RB | 241 | – | |
| RB | 281 | – | | RB | 234 | – | |
| RB | 211 | – | | RB | 244 | – | 5 |
| RB | 307 | – | 5,6 | RB | 188 | – | 5 |
| RB | 282 | – | | RB | 151 | – | |
| RB | 209 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1972 | 4000 | | | |
| GT | 1964 | 4000 | | | |
| GT | 1954 | 15,000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

AME Kennedy West SPECIES FOUND 1° - 2° 3°

IPOMAP Marion Peak DRAINAGE Middle Fork Kings River

ATE VISITED Aug 11, 1977 AREA 8 ha ( 20 ac)

PT. DEPTH 13 m ( 43 ft) ELEV. 3030 m ( 10,000 ft) REL. PLANKTON ABUNDANCE H M (L)

KE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

SCRIPTION, REMARKS

Est. 25% < 5m. Rocky shore with shrubs and sparse lodgepole. West side is talus slope. ttom is large rocks with a light layer of silt and organic material. Sparse Isoetes esent. Air temp. 18.3°C (65°F). Water temp 20.5°C (69°F). Log jam at outlet, drops into rge below, several small patches of gravel may be usable for spawning at high outflow. cess difficult, no trail. Six primitive campsites, some appear well used. Fish and Game ta.

********** F I S H C O L L E C T E D **********

| E | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

KING RECORD (continued from above)

| E | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1970 | 3000 | | | |
| RB | 1965 | 4000 | | | |
| RB | 1960 | 5000 | | | |
| EB | 1953 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Kid 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Peak DRAINAGE So. Fk. Kings River

DATE VISITED August 15, 1977 AREA 5 ha ( 12.5 ac)

EST. DEPTH <5 m ( 16.5 ft) ELEV. 3200 m ( 10,560 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 2 PRIMARY REASON(S) 12 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Shoreline and area around lake mainly boulders mixed with grasses, a few trees line approx. 10% of shore. The bottom is primarily sand, gravel and small to medium sized boulders. Some small rooted aquatic plants are also present on bottom. Est. 100% <5m deep. Temp. at surface 20°C (68°F) and at bottom 0.3 m (9 ft.) 19°C (66°F.) Inflow to this lake is Kid #2's outflow. Freedom of access through a short wide area leads us to assume a homogenous population in these two lakes. Kid #2 has spawnable inflow streams. Kid #1 outflow was dry when visited, but good gravel apparent. Visitor usage very light with difficult accesability.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 314 | 270 | | | | | |
| RB | 295 | 245 | 8 | | | | |
| RB | 286 | 280 | | | | | |
| RB | 267 | 175 | 8 | | | | |
| RB | 292 | 335 | | | | | |
| RB | 232 | 190 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1972 | 3000 | | | |
| RB | 1967 | 3500 | | | |
| RB | 1960 | 1000 | | | |
| EB | 1953 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

ME Kid 2 SPECIES FOUND 1° RB 2° 3°

POMAP Marion Peak DRAINAGE So. Fork Kings River

TE VISITED August 15, 1977 AREA 3 ha ( ~~7.5~~ 8.5 ac)

T. DEPTH <5 m ( 16.5 ft) ELEV. 3203 m ( 10,570 ft) REL. PLANKTON ABUNDANCE H (M) L

CE CATEGORY 2 PRIMARY REASON(S) 12 SECONDARY REASON(S)

CRIPTION, REMARKS

Shoreline mainly boulders and grasses, approx. 10% treelined. Bottom of lake sandy ar shore with large to medium boulders and rooted plants. Est. 100% <5m deep. Temp at rface 20°C (68°F) and at 3m (9.8 ft.) 19°C (66°F). Two inflows provide good spawning as although accesability in low water years is questionable. One of the inflows was ning when visited, though weakly, and the other was dry. Outflow, which is very short, nects Kid 2 with Kid 1 and provides some spawning areas. Because the lakes are so se and the fish have freedom of movement between the two, we feel there is a homogenous ulation of fish in these lakes. We sampled them as one lake, setting the gill net in #2 angling out of #1. The fish are very similar and their size classes support our belief. #1 has spawning areas in outflow stream.

FISH COLLECTED

| LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|
| 320 | 390 | | | | | |
| 310 | 225 | 7,8 | | | | |
| 267 | 200 | | | | | |
| 235 | 225 | | | | | |
| 314 | 340 | | | | | |
| 290 | 265 | 8 | | | | |
| 287 | 290 | 5,8 | | | | |
| 329 | 280 | 1 | | | | |
| 323 | 415 | 1,8 | | | | |
| 294 | 270 | 5,8 | | | | |
| 293 | 290 | 1,8 | | | | |

ING RECORD (continued from above)

| YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1968 | 3500 | | | |
| RB | 1960 | 5000 | | | |
| RB | 1952 | 7000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Kid 3 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Peak DRAINAGE So. Fork Kings River

DATE VISITED August 14, 1977 AREA 5.3 ha ( 13.1 ac)

EST. DEPTH <20 m ( 66 ft) ELEV. 3182 m (10,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 2 PRIMARY REASON(S) 5 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

This lake is set high in a long deep canyon with a very light forest along its northern banks. Its southern shoreline consists of boulder fields and grasses. Its bottom is mostly sandy and medium to large boulders (in area of visibility) with some organic debris and rooted plants. Est. 30% <5m deep. Temp. at surface 16.5°C (62°F) and at bottom 16.5°C (62°F) at 13 m (42 ft.) Outflow stream provides very limited suitable rainbow spawning, as does the lake bottom near it. Outflow dry at this time of year. Inflow weak but running. Rainbow spawning possible here but limited. As this lake has not been stocked within the last 9 years, we assume reproduction (though perhaps not this year) and feel that the results of scale analysis would clear up the question. Visitor usage very light with very difficult access.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 332 | 370 | | | | | |
| RB | 319 | 325 | | | | | |
| RB | 302 | 310 | | | | | |
| RB | 306 | 360 | 5,8 | | | | |
| RB | 344 | 490 | 1,8 | | | | |
| RB | 345 | 415 | 5,8,7 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1972 | 3000 | | | |
| RB | 1967 | 3500 | | | |
| RB | 1959 | 4980 | | | |
| RB | 1952 | 7992 | | | |
| RB | 1951 | 1680 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Ladder SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Middle Fork Kings River

DATE VISITED Aug. 26, 1977 AREA 14.5 ha ( 36.2 ac)

EST. DEPTH ? m ( ft) ELEV. 3198 m ( 10,491 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 2 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Many fry seen in inlet stream. Excellent RB lake with many classes of fish captured, including some in the 330-360mm category. Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 312 | 320 | 2 | | | | |
| RB | 262 | 190 | | | | | |
| RB | 124 | 10 | | | | | |
| RB | 361 | 360 | | | | | |
| RB | 360 | 520 | 2 | | | | |
| RB | 298 | 230 | | | | | |
| RB | 269 | 220 | | | | | |
| RB | 173 | 50 | | | | | |
| RB | 190 | 70 | | | | | |
| RB | 251 | 160 | | | | | |
| RB | 349 | 400 | | | | | |
| RB | 362 | 430 | | | | | |
| RB | 144 | 30 | | | | | |
| RB | 160 | 40 | | | | | |
| RB | 184 | 60 | | | | | |
| RB | 168 | 40 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1973 | 5000 | | | |
| EB | 1962 | 5000 | | | |
| EB | 1955 | 5000 | | | |
| EB | 1939 | 3000 | | | |
| EB | 1938 | 5000 | | | |
| EB | 1937 | 2400 | | | |
| EB | 1935 | 20000 | | | |
| | | | | | |

* = cont. below

NAME Little SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Marble Fork Kaweah

DATE VISITED July 3, 1977 AREA .88 ha ( 1.3 2.2 ac)

EST. DEPTH 8 m ( 25 ft) ELEV. 3,091 m (10,200 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 6

DESCRIPTION, REMARKS

Est. 60% ≤ 5m deep. Excellent spawning conditions in inflow and outflows and overstocking have caused an over abundance of stunted fish. Organic and boulder bottom covered with a thick algae layer. Heavy brush and trees in area. Hundreds of fingerlings in outflow. Light visitor usage. Surface temperature 17°C (63°F). The temperature at 5m 17°C (62°F). Similar conditions in lower lake, but much shallower.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 191 | – | 1 | EB | 141 | | 9 |
| EB | 224 | – | 4,3 | EB | 167 | | 1 |
| EB | 230 | – | 0 | EB | 169 | | 0 |
| EB | 172 | – | 1 | EB | 167 | | 1 |
| EB | 210 | – | 0 | EB | 156 | | 0 |
| EB | 165 | – | 0 | EB | 206 | | 6 |
| EB | 109 | – | 4,5 | EB | 172 | | 0 |
| EB | 223 | – | 0 | EB | 174 | | 0 |
| EB | 185 | – | 0 | EB | 176 | | 0 |
| EB | 157 | – | 0 | EB | 176 | | 0 |
| EB | 178 | – | 0 | EB | 185 | | 1 |
| EB | 206 | – | 0 | EB | 150 | | 0 |
| EB | 165 | – | 0 | EB | 219 | | 0 |
| EB | 223 | – | 1 | EB | 172 | | 0 |
| EB | 184 | – | 0 | EB | 170 | | |
| EB | 172 | – | 1 | EB | 214 | | |
| EB | 173 | – | 1 | EB | 178 | | |
| EB | 220 | – | 0 | EB | 165 | | |
| EB | 230 | – | 1 | EB | 173 | | |
| EB | 167 | – | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 1935 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Little Moose SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Middle Fork Kaweah River

DATE VISITED June 19,1977 AREA 3.24 ha ( 8.1 ac)

EST. DEPTH 10 m ( 30 ft) ELEV. 2,896 m ( 9,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 6

DESCRIPTION, REMARKS

Lake set in deep pocket canyon. Shrubs and grass border 50% of lake, some fir trees present. Bottom mainly moss and detritus. Bottom also has steep drop all around. Light visitor use. Evening temperatures: 7.7°C (46°F) at 7m (23ft.) bottom; 15°C (60°F) at the surface. Inlet and outlet running. Small fish seen in outlet stream below lake.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 247 | 110 | | EB | 199 | 57 | |
| EB | 256 | 120 | | EB | 264 | 170 | 3,6 |
| EB | 238 | 93 | 1 | EB | 224 | 84 | |
| EB | 236 | 87 | 3,6 | EB | 257 | 73 | |
| EB | 257 | 135 | | EB | 224 | 75 | |
| EB | 267 | 110 | | EB | 225 | 90 | |
| EB | 223 | 83 | 1,6 | EB | 230 | 90 | 1,2 |
| EB | 254 | 150 | 1 | EB | 242 | 105 | 1 |
| EB | 227 | 92 | 1 | EB | 213 | 90 | 1 |
| EB | 234 | 107 | 1 | EB | 201 | 65 | 1 |
| EB | 227 | 85 | | EB | 246 | 105 | |
| EB | 219 | 77 | 1,6 | | | | |
| EB | 242 | 90 | | | | | |
| EB | 264 | 147 | | | | | |
| EB | 242 | 115 | 1 | | | | |
| EB | 225 | 83 | | | | | |
| EB | 231 | 115 | 1,2 | | | | |
| EB | 214 | 80 | | | | | |
| EB | 91 | 53 | 1 | | | | |
| EB | 236 | 109 | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| UNK | 1974 | 3000 | | | |
| EB | 1971 | 2040 | | | |
| EB | 1951 | 8250 | | | |
| EB | 1950 | 6480 | | | |
| EB | 1948 | 5000 | | | |
| EB | 1946 | 6120 | | | |
| EB | 1924 | 5000 | | | |
| | | | | | |

* = cont. below

NAME Lost SPECIES FOUND 1° EB 2° RB 3°

TOPOMAP Triple Divide P. DRAINAGE Sugarloaf

DATE VISITED June 31, 1977 AREA 6 ha ( 15 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 2,770 m ( 9,140 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Est. 30% ≤ 5m deep. Organic bottom with areas of exposed rock and gravel. Three streams entering lake appear excellent for spawning. Outflow choked with fallen timber which probably prevents spawning. Some rooted aquatic plants on bottom and sedges near shore. Moderate visitor use. Surface temperature 20°C (68°F). Temperature at 7m was 18°C (64°F). Rainbows may be out-competed by Eastern Brook and disappear.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 195 | – | | EB | 236 | – | |
| EB | 196 | – | 1 | EB | 210 | – | |
| EB | 234 | – | | RB | 284 | – | |
| EB | 198 | – | | EB | 246 | – | |
| EB | 193 | – | | EB | 235 | – | |
| EB | 200 | – | | EB | 262 | – | |
| RB | 261 | – | | EB | 206 | – | |
| EB | 272 | – | 1 | | | | |
| EB | 247 | – | | | | | |
| EB | 247 | – | | | | | |
| EB | 236 | – | | | | | |
| EB | 208 | – | | | | | |
| EB | 170 | – | | | | | |
| EB | 202 | – | | | | | |
| EB | 201 | – | | | | | |
| EB | 193 | – | | | | | |
| EB | 255 | – | 1 | | | | |
| EB | 212 | – | | | | | |
| EB | 197 | – | | | | | |
| EB | 237 | – | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1964 | 3000 | RB | UNK | UNK |
| GT | 1928 | 40 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Marion Peak 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Peak DRAINAGE Middle Fork Kings River

DATE VISITED August 26, 1977 AREA 1.8 ha ( . ac)

EST. DEPTH 10 m ( 30 ft) ELEV. 3,155 m ( 10,350 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 2,5 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Lake set in low basin. Meadow area on north side, forest on south. Inlet and outlet running. Good spawning area in outlet, but limited. Water level down to 1'below outlet. Many small (120 - 130 mm) fish observed. Bottom is mainly sand with sparse rooted plant covering. Light visitor use. Moderately easy accessibility. Afternoon temperatures: 17°C (62°F) at 8m (bottom); 17°C (62°F) at surface. 45% < 5m.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 220 | 95 | | RB | 218 | 90 | |
| RB | 220 | 80 | 8 | RB | 210 | 75 | 8 |
| RB | 198 | 65 | | RB | 209 | 80 | 8 |
| RB | 218 | 80 | | RB | 198 | 75 | 8 |
| RB | 223 | 90 | 1,7,8 | RB | 228 | 90 | |
| RB | 203 | 65 | | | | | |
| RB | 210 | 80 | | | | | |
| RB | 199 | 70 | | | | | |
| RB | 243 | 118 | H(3),8 | | | | |
| RB | 231 | 100 | | | | | |
| RB | 181 | 60 | 8 | | | | |
| RB | 211 | 75 | | | | | |
| RB | 223 | 90 | | | | | |
| RB | 250 | 135 | | | | | |
| RB | 215 | 80 | | | | | |
| RB | 225 | 100 | | | | | |
| RB | 200 | 60 | | | | | |
| RB | 179 | 50 | | | | | |
| RB | 215 | 85 | | | | | |
| RB | 211 | 85 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 19

| TYPE | YR | NO. | TYPE | YR |
|---|---|---|---|---|
| GT | 1964 | 2000 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

* = cont. bel

NAME Marion Peak 3 SPECIES FOUND 1°RB 2° 3°

TOPOMAP Marion Peak DRAINAGE Middle Fork Kings River

DATE VISITED August 25, 1977 AREA 4.48 ha ( 11.2 ac)

EST. DEPTH 8 m ( 26 ft) ELEV. 3,243 m (10,640 ft) REL. PLANKTON ABUNDANCE H (

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 5,12

DESCRIPTION, REMARKS

Main inflow provides very limited good spawning. No spawning areas in outlet area. 75% < 5m deep. Visitor use light to moderate. Good spawning in lakes below #3. In high water fish may be able to ascend. Moderately difficult accessibility. Bottom mainly organic debris and sand mixture. Morning temperatures: 17°C (62°F) at 7 m: 17°C (62°F) at the surface.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMAR |
|---|---|---|---|---|---|---|---|
| RB | 221 | 110 | | RB | 231 | 110 | |
| RB | 247 | 120 | | RB | 268 | 140 | |
| RB | 265 | 130 | | RB | 248 | 130 | |
| RB | 235 | 120 | | RB | 222 | 110 | 8 |
| RB | 271 | 150 | | RB | 340 | 265 | 3,8 |
| RB | 219 | 110 | | | | | |
| RB | 236 | 140 | | | | | |
| RB | 281 | 160 | | | | | |
| RB | 215 | 110 | | | | | |
| RB | 211 | 95 | | | | | |
| RB | 222 | 100 | | | | | |
| RB | 223 | 110 | 7,8 | | | | |
| RB | 185 | 70 | | | | | |
| RB | 227 | 95 | | | | | |
| RB | 297 | 80 | | | | | |
| RB | 221 | 95 | | | | | |
| RB | 215 | 95 | | | | | |
| RB | 206 | 85 | | | | | |
| RB | 228 | 100 | 8 | | | | |
| RB | 205 | 85 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1964 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Marion Peak 4 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Peak DRAINAGE Mid Fork Kings River

DATE VISITED August 24, 1977 AREA 10.72 ha ( 26.8 ac)

EST. DEPTH 15 m ( 50 ft) ELEV. 3,243 m ( 10,640 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Inflow has limited spawning area and accessibility. Outflow has similar characteristics. Both are running well. 35% < 5m. Surrounded by scattered lodgepole forest. Visitor use light to moderate. Many small fish (4-8cm) seen. Assume population reproducing and healthy. Afternoon temperatures: 16°C(61°F) at 10 m (32.5ft.); 16°C (61°F) at surface.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 279 | 245 | 5,8 | | | | |
| RB | 291 | 245 | 4(3),8 | | | | |
| RB | 342 | 303 | 4(3),8 | | | | |
| RB | 297 | 250 | 5 | | | | |
| RB | 299 | 280 | 1 | | | | |
| RB | 273 | 205 | 5 | | | | |
| RB | 341 | 340 | 4(3) | | | | |
| RB | 312 | 220 | 1 | | | | |
| RB | 292 | 222 | 5 | | | | |
| RB | 298 | 240 | 4(3) | | | | |
| RB | 237 | 120 | 5,8 | | | | |
| RB | 249 | 130 | 4(3) | | | | |
| RB | 272 | 195 | 5 | | | | |
| RB | 271 | 195 | 1 | | | | |
| RB | 252 | 161 | 1 | | | | |
| RB | 246 | 130 | 5,7 | | | | |
| RB | 254 | 145 | 5 | | | | |
| RB | 290 | 240 | 5 | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 125 | | | |
| GT | 53 | 8160 | | | |
| GT | 55 | 9900 | | | |
| GT | 60 | 1000 | | | |
| GT | 67 | 6000 | | | |
| GT | 73 | 3586 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Martha SPECIES FOUND 1° Hyb2°GT 3°RB

TOPOMAP Mt. Goddard DRAINAGE S. Fork - San Joaquin River

DATE VISITED Spet. 9, '77 AREA 48 ha ( 120 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,335 m ( 11,007 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 4 SECONDARY REASON(S) 12, 0

DESCRIPTION, REMARKS

Stocking records incomplete due to presence of RB's. Est. 15% ≥ 5m deep. Boulder, sand, and organic bottom with sparse gravel areas. Large rock and gravel area at outflow is apparently adequate for spawning. Aquatic plants very sparse. Only a few grasses and wildflowers but no trees on shore. Moderate visitor use. Temp. at surface 14°C (58°F). Presence of natural reproduction.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Hyb | 280 | 320 | 8 | RB | 230 | 150 | 5 |
| Hyb | 268 | 210 | 1 | | | | |
| Hyb | 203 | 90 | 8 | | | | |
| Hyb | 370 | 500+ | 5 | | | | |
| Hyb | 274 | 220 | | | | | |
| Hyb | 283 | 240 | 1,8 | | | | |
| Hyb | 164 | 35 | 8,5 | | | | |
| Hyb | 245 | 135 | 8,5 | | | | |
| Hyb | 201 | 90 | 8,5 | | | | |
| Hyb | 128 | 20 | 0,8 | | | | |
| Hyb | 243 | 178 | 5,8 | | | | |
| Hyb | 161 | 40 | 5,8 | | | | |
| GT | 345 | 410 | | | | | |
| GT | 250 | 160 | | | | | |
| GT | 348 | 360 | | | | | |
| GT | 431 | 625 | 8 | | | | |
| GT | 247 | 165 | 5 | | | | |
| GT | 295 | 310 | 5 | | | | |
| GT | 413 | 695 | 1,4,8 | | | | |
| RB | 266 | 190 | 1,7 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 125 | | | |
| GT | 53 | 2080 | | | |
| GT | 55 | 2457 | | | |
| GT | 60 | 2500 | | | |
| GT | 63 | 1000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME McGee 1 SPECIES FOUND 1°GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE McGee - San Joaquin River

DATE VISITED Aug. 2, '77 AREA 3.48 ha ( 8.7 ac)

EST. DEPTH UNK m ( UNK ft) ELEV. 3,307 m (10,850 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 5 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Many size classes of fish, and an abundance of copepods. One of the best GT lakes seen by Gary Ponder. Temp. 15.5°C (60°F). Fish and Game data.

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 125 | | | |
| GT | 53 | 2080 | | | |
| GT | 55 | 2457 | | | |
| GT | 60 | 2500 | | | |
| GT | 63 | 1000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME McGee 1W SPECIES FOUND 1°GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mc Gee - San Joaquin River

DATE VISITED August 2, 1977 AREA 4.8 ha ( 12 ac)

EST. DEPTH - m ( - ft) ELEV. 3,292 m ( 10,800 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0,2 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

All fish taken by fly. All age groups present and population healthy. Young of the year noted in the inlet, outlet unsuitable for spawning. Surface temp. 17.7°C (64°F) Fish and Game data.

********** FISH COLLECTED **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 180 | 50 | | | | | |
| GT | 170 | 40 | | | | | |
| GT | 176 | 60 | | | | | |
| GT | 161 | 30 | | | | | |
| GT | 171 | 40 | | | | | |
| GT | 185 | 50 | | | | | |
| GT | 184 | 55 | | | | | |
| GT | 172 | 40 | | | | | |
| GT | 185 | 50 | | | | | |
| GT | 172 | 50 | | | | | |
| GT | 173 | 40 | | | | | |
| GT | 172 | 40 | | | | | |
| GT | 168 | 40 | | | | | |
| GT | 180 | 50 | | | | | |
| GT | 180 | 50 | | | | | |
| GT | 174 | 50 | | | | | |
| GT | 176 | 50 | | | | | |
| GT | 162 | 45 | | | | | |
| GT | 172 | 50 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

********** FISH COLLECTED **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 320 | 220 | | | | | |
| GT | 124 | 10 | | | | | |
| GT | 330 | 270 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

E McGee 2 SPECIES FOUND 1°GT 2° 3°

MAP Mt. Goddard DRAINAGE Mc Gee - San Joaquin River

E VISITED September 2, 1977 AREA 6.8 ha ( 17 ac)

, DEPTH UNK m ( UNK ft) ELEV. 3,300 m ( 10,890 ft) REL. PLANKTON ABUNDANCE H M L

E CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) _____

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1963 | 4000 | | | |
| GT | 1960 | 2500 | | | |
| GT | 1955 | 2475 | | | |
| GT | 1953 | 2080 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

RIPTION, REMARKS

Shallow with populations of small Golden Trout. Fry were evident. Surface temp. 16.1°C (61°F). Fish and Game data.

********** F I S H C O L L E C T E D **********

| LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|
| 200 | 80 | | | | | |
| 162 | 40 | | | | | |
| 193 | 60 | | | | | |
| 198 | 90 | | | | | |
| 209 | 100 | | | | | |
| 186 | 70 | | | | | |
| 209 | 100 | | | | | |
| 222 | 110 | | | | | |
| 175 | 60 | | | | | |
| 186 | 70 | | | | | |
| 135 | 30 | | | | | |

ING RECORD (continued from above)

| YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| | | | | | | | | | | |

NAME McGee 3 SPECIES FOUND 1°GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mc Gee - San Joaquin River

DATE VISITED September 2, 1977 AREA 10.4 ha ( 26 ac)

EST. DEPTH - m ( - ft) ELEV. 3,303 m ( 10,900 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) -

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1967 | 4000 | | | |
| GT | 1928 | 175 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Shallow with small population of Golden Trout. Many 2 cm fry were evident. Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Unavailable | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1967 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME McGee 4 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mc Gee - San Joaquin River

DATE VISITED September 2, 197~~7~~ AREA 6.8 ha ( ~~14~~ ac)

EST. DEPTH - m ( - ft) ELEV. 3,324 m ( 10,970 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Shallow with population of small Golden Trout. Many fry were observed. Fish and Game data.

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 1963 | 3000 | EB | 1931 | 8( |
| EB | 1958 | 2250 | EB | 1923 | 4( |
| EB | 1955 | 2500 | | | |
| EB | 1937 | 6200 | | | |
| EB | 1936 | 15000 | | | |
| EB | 1935 | 10,000 | | | |
| EB | 1934 | 10,000 | | | |
| EB | 1933 | 15,000 | | | |

* = cont. below

NAME Moose SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE Buck - M. Fk. Kings River

DATE VISITED June 18, 1977 AREA 30.7 ha ( 76.8 ac)

EST. DEPTH 12 m ( 40 ft) ELEV. 3191 m ( 10,530 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Large, desolate lake with a bottom of very clean rock, sand and gravel. No aquatic plants observed. Large, healthy population of EB's. No trees in area, only sparse grasses and wildflowers. Moderate visitor use. Temp 9°C (48°F) at surface, 7°C (44°F) at 7m depth, 100m from shore.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 278 | 140 | | | | | |
| GT | 166 | 50 | | | | | |
| GT | 240 | 70 | | | | | |
| GT | 216 | 75 | | | | | |
| GT | 195 | 60 | | | | | |
| GT | 194 | 70 | | | | | |
| GT | 183 | 50 | | | | | |
| GT | 196 | 75 | | | | | |
| GT | 210 | 65 | | | | | |
| GT | 187 | 60 | | | | | |
| GT | 190 | 50 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 256 | 137 | | EB | 245 | 138 | |
| EB | 259 | 147 | | EB | 248 | 120 | 1 |
| EB | 2 9 | 140 | 1 | EB | 264 | 126 | 1 |
| EB | 247 | 118 | 2 | EB | 194 | 52 | |
| EB | 245 | 112 | 1 | EB | 260 | 140 | |
| EB | 243 | 125 | 1 | EB | 239 | 104 | |
| EB | 256 | 125 | | EB | 206 | 73 | |
| EB | 270 | 147 | 1 | EB | — | 95 | |
| EB | 267 | 125 | 8 | EB | — | 95 | |
| EB | 240 | 110 | | EB | 235 | 112 | |
| EB | 250 | 115 | 1 | EB | — | 40 | |
| EB | 231 | 100 | 8 | EB | 235 | 110 | |
| EB | 245 | 125 | 1 | EB | — | 49 | |
| EB | 267 | 144 | 2,8 | EB | — | 122 | |
| EB | 248 | 132 | | EB | 257 | 95 | |
| EB | 251 | 125 | | EB | 237 | 105 | |
| EB | 256 | 135 | 8 | EB | 242 | 119 | |
| EB | 208 | 70 | | EB | — | 110 | |
| EB | 232 | 100 | 7 | EB | 157 | — | |
| EB | 234 | 105 | | EB | 242 | — | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 68 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Mt. Goddard 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE N. Fork Kings River

DATE VISITED Sept. 10, '77 AREA 1.5 ha ( 40 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,113 m ( 10,212 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6, 5 SECONDARY REASON(S) 0, 9

DESCRIPTION, REMARKS

Moderately large, deep lake with steep sides. Few stunted trees and shrubs present. Very sparse rooted aquatic plants. Spawning gravel present at inflow fan. Plankton very small. Bottom mainly boulders with organic debris covering. Afternoon temperatures: 15°C (59°F) at 10m (33 Ft.); 16°C (61°F) at surface. 20% < 5m deep. Assume good population reproduction. However, too many fish for food supply. Moderate visitor use. Fairly difficult accessibility.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 225 | 80 | | RB | 220 | 120 | 1 |
| RB | 240 | 120 | 8 | RB | 159 | 40 | 0 |
| RB | 214 | 105 | 8 | RB | 227 | 100 | 3 |
| RB | 276 | 160 | 8 | RB | 232 | 105 | 1 |
| RB | 244 | 110 | 8 | RB | 249 | 135 | 5,8 |
| RB | 207 | 40 | 8 | RB | 305 | 275 | 4(3),8 |
| RB | 211 | 60 | 8 | RB | 295 | 190 | 1,7,8 |
| RB | 216 | 78 | 8 | | | | |
| RB | 215 | 100 | 5,8 | | | | |
| RB | 220 | 110 | 1 | | | | |
| RB | 248 | 110 | 5 | | | | |
| RB | 205 | 80 | 5,8 | | | | |
| RB | 222 | 100 | 5 | | | | |
| RB | 184 | 65 | 1,8 | | | | |
| RB | 180 | 58 | 5 | | | | |
| RB | 231 | 102 | 1 | | | | |
| RB | 182 | 50 | 5 | | | | |
| RB | 119 | 20 | 8 | | | | |
| RB | 262 | 110 | 5,8 | | | | |
| RB | 160 | 42 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 1946 | 4000 | | | |
| RB | 1964 | 3000 | | | |
| RB | 1971 | 3000 | | | |
| RB | 1976 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Mt. Pinchot 1 SPECIES FOUND 1° - 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE So. Fork Kings River

DATE VISITED Sept. 8, 1977 AREA 7 ha ( 17.5 ac)

EST. DEPTH < 10 m ( 32.5 ft) ELEV. 3450 m ( 11,320 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Shoreline of lake very rocky with approx. 40% mixed with grasses. Bottom sand and boulders, no plants observed. No fish were taken by net or angled, nor were any observed. No evidence of any fish seen. This is a problem lake as records show a 1976 planting of rainbows. It is possible that all the young 1976 planters died last winter or that the wrong lake was planted. Another possibility is that the fish are still too small to be caught either by angling or by the gill net. Inflow provides questionable spawning gravel in limited quantity, outflow none. Est. 70% < 5m deep. Visitor impact moderate with moderately easy accesability.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 69 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Mt. Pinchot 2 SPECIES FOUND 1° EB 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE S. Fork Kings River

DATE VISITED Sept. 9, '77 AREA 4.72 ha ( 11.8 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,475 m ( 11,400 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 6 SECONDARY REASON(S) 5, 12

DESCRIPTION, REMARKS

The fact that eastern brook trout inhabit this lake and that there is no record of their being planted, ie. they were planted long ago, is strong evidence of reproduction. There are many sizes of abundent trout in this lake and many are stunted. Rock dominates the shore line with approximately 60% mixed with grasses. The bottom is sand and boulders of all sizes. Est. 20% < 5m deep. Temp. at surface 14°C (57.5°F). Inflow as well as outflow do not provide any suitable spawning as accesibility by trout is impossible. Visitor usage very light. Moderatly difficult accesibility.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 165 | 40 | | EB | 175 | 45 | 5 |
| EB | 195 | 55 | 2 | EB | 168 | 40 | |
| EB | 240 | 100 | 6,7 | EB | 200 | 45 | |
| EB | 198 | 60 | 2 | EB | 229 | 90 | |
| EB | 200 | 60 | 0 | EB | 186 | 40 | |
| EB | 205 | 60 | 5 | EB | 181 | 45 | 9 |
| EB | 175 | 45 | 2 | EB | 186 | 45 | |
| EB | 190 | 55 | 0,8 | EB | 188 | 60 | |
| EB | 192 | 35 | 1 | EB | 199 | 45 | |
| EB | 180 | 40 | 5 | EB | 191 | 55 | |
| EB | 210 | 50 | 0 | EB | 195 | 45 | |
| EB | 195 | 50 | 5 | | | | |
| EB | 200 | 60 | 5 | | | | |
| EB | 185 | 45 | 4 | | | | |
| EB | 180 | 50 | 5 | | | | |
| EB | 165 | 35 | 1 | | | | |
| EB | 175 | 45 | 5 | | | | |
| EB | 160 | 40 | 2 | | | | |
| EB | 187 | 50 | 6 | | | | |
| EB | 180 | 50 | 6 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 64 | 3500 | | | |
| GT | 69 | 2500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Mt. Whitney 3 SPECIES FOUND 1° 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Tyndall Cr. - Kern River

DATE VISITED Aug. 12, '77 AREA 1.68 ha ( 4.2 ac)

EST. DEPTH 4 m ( 13 ft) ELEV. 3,658 m ( 12,000 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 5 PRIMARY REASON(S) Dry SECONDARY REASON(S)

DESCRIPTION, REMARKS

Lake almost completely dry. This lake is located within 100m (330 Ft.) of the steep slope of upper Tyndall Creek. There may be cracks in the rock that allow through-the-ground drainage since the lake could not have drained through the outlet. Temp. at surf 8.9°C (48°F.)

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 1969 | 2500 | | | |
| GT | 1964 | 3500 | | | |
| GT | 1931 | UNK | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Mt. Whitney 4 SPECIES FOUND 1°RB 2°Hyb 3°GT

TOPOMAP Mt. Whitney DRAINAGE Kern Headwaters

DATE VISITED July 31, 1977 AREA 12.48 ha ( 31.2 ac)

EST. DEPTH unk m ( unk ft) ELEV. 3,798 m (12,460 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 2 PRIMARY REASON(S) 0,4,5 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

This very high lake, one of the highest in North America, has a good healthy population of Rainbow, Golden Trout, and Hybrids of many sizes indicating a reproducing population. The shore line is exclusively boulders except for approximately 10%, which is mixed with grasses. There is an area of the lake cut off from the main body by a gravel bridge, probably due to the short water supply this year. This cut off area is where all of the smaller fish were found and where reproduction most probably occurs because it is near the outflow. The outflow has plenty of good gravel for spawning. Est. 40% <5m. Temperature at the surface of the main lake is 13°C (56°F) and at the surface of the cut off section is 15°C (59°F). Visitor use is very light as the lake is isolated and moderately difficult to access.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 262 | 140 | | | | | |
| RB | 242 | 125 | | | | | |
| RB | 278 | 215 | | | | | |
| RB | 215 | 60 | 8 | | | | |
| RB | 239 | 109 | | | | | |
| RB | 243 | 135 | | | | | |
| RB | 240 | 120 | | | | | |
| RB | 256 | 130 | | | | | |
| RB | 282 | 200 | | | | | |
| RB | 199 | 70 | | | | | |
| RB | 323 | 300 | 8 | | | | |
| RB | 325 | 325 | 8 | | | | |
| RB | 259 | 220 | 8 | | | | |
| RB | 312 | 290 | 6,8,7 | | | | |
| Hyb | 348 | 340 | | | | | |
| GT | 379 | 490 | | | | | |
| GT | 368 | 470 | | | | | |
| GT | 417 | 495 | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 55 | 5000 | | | |
| GT | 62 | 2000 | | | |
| GT | 64 | 2000 | | | |
| GT | 70 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Palisade 1 SPECIES FOUND 1°HYB 2° 3°

TOPOMAP Big Pine DRAINAGE Palisade/Mid Kings River

DATE VISITED Aug. 31, '77 AREA 10 ha ( 25.0 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,328 m (10,920 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 4, 5, 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Shoreline approximately 90% grass, 55% mixed with grass, and 10% grass. Both of two inflows as well as outflow provide easily accessibility to excelent spawning gravel. Fingerlings as well as adult fish were observed in these streams. The entire population is hybridized golden and rainbow trout though our records show no rainbow stocking. Bottom is sand, gravel, and boulders as well as silt, organic debris, and rooted aquatic plants near inflows and outflows. Est. 35% < 5m deep. Temp. at surface 16.5°C (62°F). Visitor usage heavy with easy accesibility.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Hyb | 208 | 95 | 5 | Hyb | 197 | 70 | 5 |
| Hyb | 221 | 115 | 1 | Hyb | 145 | 30 | 5 |
| Hyb | 245 | 135 | 1,8 | Hyb | 145 | 30 | 5 |
| Hyb | 239 | 120 | 1 | Hyb | 210 | 110 | 5 |
| Hyb | 213 | 90 | 5 | Hyb | 222 | 105 | 1 |
| Hyb | 195 | 90 | 5 | Hyb | 223 | 130 | 1 |
| Hyb | 213 | 100 | 1 | Hyb | 222 | 105 | 5 |
| Hyb | 240 | 100 | 1 | Hyb | 231 | 120 | 1 |
| Hyb | 245 | 155 | 5 | Hyb | 248 | 140 | 1 |
| Hyb | 211 | 110 | 5 | Hyb | 227 | 120 | 5 |
| Hyb | 212 | 100 | 5 | Hyb | 164 | 40 | 5,8 |
| Hyb | 235 | 115 | 5 | Hyb | 236 | 115 | 5 |
| Hyb | 248 | 130 | 4,7 | Hyb | 232 | 110 | 5 |
| Hyb | 156 | 40 | 5,8 | Hyb | 223 | 105 | 5 |
| Hyb | 168 | 170 | 4(3),8 | Hyb | 213 | 90 | 5 |
| Hyb | 279 | 200 | 5 | Hyb | 136 | 25 | 0 |
| Hyb | 232 | 130 | 5 | Hyb | 138 | 30 | 5 |
| Hyb | 272 | 105 | 5 | Hyb | 111 | 10 | 5,8 |
| Hyb | 189 | 65 | 1 | Hyb | 126 | 20 | 0 |
| Hyb | 188 | 60 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 55 | 5000 | | | |
| GT | 57 | 5100 | | | |
| GT | 64 | 2000 | | | |
| GT | 66 | 6000 | | | |
| GT | 73 | 3586 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Palisade 2 SPECIES FOUND 1°HYB 2° RB 3°GT

TOPOMAP Big Pine DRAINAGE Palisade - Mid Kings River

DATE VISITED Aug. 30, '77 AREA 12 ha ( 30.0 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,328 m ( 10,900 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 4, 5, 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

As with Palisade #1, large quantities of many sized hybridized golden and rainbow trout inhabit this lake in spite of the fact that we have no record of rainbow plantings. Outflow and inflow provide limited quantities of suitable spawning gravel. Approximately 70% of the shoreline is rock lined with 35% of that mixed with grass. The remaining 30% is rockless grass, though not a meadow. Bottom sand and boulders with little organic debris and rooted aquatic plants. Est. 30% < 5m deep. Temp. at surface 13°C (56°F). Visitor usage heavy with easy accesibility.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 243 | 135 | 5 | RB | 182 | 60 | |
| Hyb | 260 | 210 | 4(3) | Hyb | 241 | 155 | 5 |
| RB | 317 | 240 | 4(3),8 | Hyb | 248 | 160 | 1 |
| Hyb | 252 | 155 | 5 | | | | |
| Hyb | 173 | 200 | 5 | | | | |
| RB | 300 | 273 | 1 | | | | |
| Hyb | 202 | 100 | 5,8 | | | | |
| Hyb | 386 | 240 | 4(3),8 | | | | |
| Hyb | 313 | 285 | 5 | | | | |
| Hyb | 242 | 160 | 4 | | | | |
| GT | 286 | 225 | 5,7 | | | | |
| Hyb | 243 | 220 | 1 | | | | |
| Hyb | 268 | 165 | 5 | | | | |
| Hyb | 231 | 140 | 4(3),8 | | | | |
| Hyb | 216 | 112 | 5 | | | | |
| Hyb | 225 | 140 | 5 | | | | |
| Hyb | 240 | 180 | 1 | | | | |
| Hyb | 222 | 120 | 5 | | | | |
| Hyb | 230 | 155 | 5 | | | | |
| Hyb | 262 | 165 | 5 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 27 | 2000 | EB | 36 | 200 |
| EB | 29 | 4000 | EB | 37 | 36 |
| EB | 30 | 2000 | EB | 43 | 50 |
| EB | 25 | 1000 | EB | 44 | 25 |
| EB | 31 | 5000 | EB | 46 | 105 |
| EB | 32 | 4000 | EB | 47 | 50 |
| EB | 34 | 6000 | EB | 48 | 32 |
| EB | 35 | 20000 | EB | 49 | 162 |

* = cont. below

NAME Pear SPECIES FOUND 1°EB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE Marble Fk. Kaweah River

DATE VISITED June 18, '77 AREA 6.76 ha ( 16.9ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 2,881 m ( 9,510 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5, 0 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Pear Lake is in two parts, a deep basin to the south and a smaller, shallower bay to the north, hence its characteristic shape and name. Rooted aquatics present along shore of bay. Deep basin has steep drop-off 6m (35 Ft.) from junction with bay. Lake has a good population of Eastern Brook Trout. Reproduction and spawning occurs along gravel shores and in main inflow which provides 45m (150 Ft.) of gravel area.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 181 | 58 | | | | | |
| EB | 178 | – | | | | | |
| EB | 173 | 42 | | | | | |
| EB | 234 | 102 | | | | | |
| EB | 203 | 55 | | | | | |
| EB | 211 | 60 | | | | | |
| EB | 200 | 45 | | | | | |
| EB | 171 | 27 | | | | | |
| EB | – | 40 | | | | | |
| EB | 213 | 72 | | | | | |
| EB | 198 | 33 | | | | | |
| EB | 203 | 60 | | | | | |
| EB | 188 | 47 | | | | | |
| EB | 194 | 50 | | | | | |
| EB | 205 | 64 | | | | | |
| EB | 198 | 44 | | | | | |
| EB | 202 | 52 | | | | | |
| EB | 229 | 80 | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EB | 50 | 7000 | EB | 58 | 2,250 | | | | | | |
| EB | 55 | 2500 | | | | | | | | | |
| EB | 63 | 3000 | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 46 | 6580 | | | |
| RB | 47 | 6580 | | | |
| EB | 50 | 6480 | | | |
| RB | 52 | 8700 | | | |
| RB | 63 | 4000 | | | |
| RB | 70 | 4050 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Rainbow 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Kings River

DATE VISITED Sept. 2, '77 AREA 0.8 ha ( 2 ac)

EST. DEPTH 6 m ( 20 ft) ELEV. 3,182 m ( 10,500 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 5 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Est. 90% < 5m deep. Organic bottom with small rooted aquatics. Except at inflow where gravel appears excellent for spawning. Many fish observed, most in size range of those caught but some quite small. Fish healthy, visitor use moderate. Trees in drainage, much manzanita. Temperature: surface 15.5°C (60°F); bottom 4m (13 Ft.) 15°C (59°F).

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 260 | 130 | 4,8 | | | | |
| RB | 263 | 135 | 1,7,8 | | | | |
| RB | 295 | 225 | 5,8 | | | | |
| RB | 266 | 190 | 8 | | | | |
| RB | 232 | 155 | — | | | | |
| RB | 277 | 160 | — | | | | |
| RB | 239 | 115 | — | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 63 | 4000 | | | |
| RB | 68 | 3000 | | | |
| RB | 52 | 8700 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Rainbow 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Kings River

DATE VISITED Aug. 28, '77 AREA 1 ha ( 2.5 ac)

EST. DEPTH 7 m ( 23 ft) ELEV. 3,212 m ( 10,600 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 3, 2 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13

DESCRIPTION, REMARKS

Moderately deep cirque lake, middle of three. Little or no spawning potential except for small gravel bank north of outflow. Fishing moderate to poor. Net placed, no fish caught in one afternoon. Size classes caught by angling suggest little spawning, or perhaps an inhibition of spawning by the two years of drought. Air temp. 17.7°C (64°F), surface temp. 15.5°C (60°F), 7m (23 Ft.) 15°C (59°F). Moderate visitor use. Sparse brush and trees in area of exposed granite.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 274 | 220 | 6,7,8 | | | | |
| RB | 296 | 270 | 4,8 | | | | |
| RB | 306 | 330 | 6,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Ranger 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Sugarloaf

DATE VISITED July 1, '77 AREA .2 ha ( .5 ac)

EST. DEPTH 1.5 m ( 5 ft) ELEV. 2,788 m ( 9,200 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 4 PRIMARY REASON(S) 7 SECONDARY REASON(S) _____

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| UNK | 22 | 10000 | RB | 68 | 5000 |
| EB | 24 | 5000 | RB | 71 | 3000 |
| EB | 33 | 4000 | RB | 76 | 2000 |
| EB | 46 | 6120 | | | |
| EB | 48 | 2500 | | | |
| EB | 51 | 4000 | | | |
| EB | 56 | 7560 | | | |
| EB | 63 | 5000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Very small lake. Est. 100% < 5m deep. Extensive dense shore grasses. Sparse grasses growing to surface in all but the middle. Organic bottom rapidly turning to meadow. Outflow appears to have been dry for many years. Lake surface 1.5m below outflow. Only fish present are small RB's probably from 1976 stocking. Lake will surely die out during a hard winter. No observed spawning area. Moderate visitor use. Surface temp. 23°C (74°F). Heavily forested area.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 180 | – | | | | | |
| RB | 130 | – | | | | | |
| RB | 146 | – | | | | | |
| RB | 140 | – | | | | | |
| RB | 153 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Ranger 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE Sugarloaf

DATE VISITED July 3, '77 AREA 38 ha ( 9.5 ac)

EST. DEPTH 12 m ( 40 ft) ELEV. 2,788 m ( 9,200 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S) _____

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 48 | 2500 | EB | 33 | 1( |
| EB | 51 | 4000 | | | |
| EB | 53 | 4000 | | | |
| EB | 60 | 4000 | | | |
| EB | 62 | 5000 | | | |
| EB | 71 | 3000 | | | |
| RB | 68 | 3000 | | | |
| RB | 76 | 3000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Extremely productive lake with heavy layer of organic matter and algae. Large pieces of suspended algae. Some sedges near shore. No spawning area observed. High visitor use may contribute to the extremely high production by addition of micro nutrients. Fish in only 2 size classes which seem to correspond to recent stockings. Forested area. Surface temp. 23°C (73°F). Temp. at 7m 19°C (66°F).

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 400 | – | 2 | RB | 234 | – | |
| RB | 367 | – | 6 | RB | 229 | – | |
| RB | 418 | – | 1 | RB | 204 | – | |
| RB | 242 | – | | RB | 226 | – | |
| RB | 222 | – | | RB | 215 | – | |
| RB | 203 | – | | RB | 232 | – | |
| RB | 221 | – | | RB | 232 | – | |
| RB | 224 | – | | RB | 238 | – | |
| RB | 232 | – | | RB | 232 | – | |
| RB | 198 | – | | RB | 216 | – | |
| RB | 224 | – | | RB | 222 | – | |
| RB | 228 | – | | RB | 230 | – | |
| RB | 239 | – | | RB | 224 | – | |
| RB | 254 | – | | RB | 227 | – | |
| RB | 233 | – | | RB | 223 | – | |
| RB | 245 | – | | RB | 205 | – | |
| RB | 237 | – | | RB | 212 | – | |
| RB | 228 | – | | RB | 188 | – | |
| RB | 214 | – | | RB | 212 | – | |
| RB | 245 | – | | RB | 180 | – | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 23 | | EB | 53 | 4000 |
| EB | 29 | | EB | 59 | 5000 |
| EB | 33 | 3000 | EB | 69 | 3000 |
| EB | 46 | 4080 | EB | 71 | 3000 |
| EB | 47 | 5940 | | | |
| EB | 48 | 5000 | | | |
| EB | 50 | 11760 | | | |
| EB | 51 | 16250 | | | |

* = cont. below

NAME Seville SPECIES FOUND 1° EB 2° RB 3°

TOPOMAP Triple Divide Pk. DRAINAGE Sugarloaf

DATE VISITED June 29, '77 AREA 4.2 ha ( 10.5 ac)

EST. DEPTH 12 m ( 40 ft) ELEV. 2,576 m ( 8,500 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

Est. 50% < 5m deep. Thick organic layer on bottom with many small rooted equatic plants and sedges near shore. Good spawning in inflow stream. Many EB fry observed. Heavily forested area. Heavy visitor use. RB's will soon disappear due to EB competition. Surface temp. 20°C (68°F). Temp. at 8m 18°C (64°F).

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 283 | – | | EB | 194 | – | |
| EB | 248 | – | | EB | 273 | – | |
| EB | 265 | – | | EB | 235 | – | |
| EB | 242 | – | 1 | EB | 261 | – | |
| EB | 294 | – | | EB | 191 | – | |
| EB | 248 | – | | EB | 207 | – | |
| EB | 257 | – | 1 | EB | 210 | – | |
| EB | 255 | – | 1 | EB | 208 | – | |
| EB | 270 | – | 3 | EB | 268 | – | |
| EB | 220 | – | | EB | 247 | – | |
| EB | 253 | – | 1 | EB | 226 | – | |
| EB | 255 | – | | RB | 216 | – | |
| EB | 230 | – | | EB | 144 | – | |
| EB | 205 | – | | EB | 227 | – | |
| EB | 213 | – | | EB | 246 | – | |
| EB | 185 | – | 8 | EB | 297 | – | |
| EB | 210 | – | | EB | 148 | – | |
| EB | 245 | – | | RB | 248 | – | |
| EB | 200 | – | | EB | 186 | – | |
| EB | 188 | – | | RB | 185 | – | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 1200 | | | |
| GT | 35 | 4000 | | | |
| GT | 54 | 3000 | | | |
| GT | 56 | 4060 | | | |
| GT | 62 | 4000 | | | |
| GT | 63 | 4500 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sixty Lakes 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE Rae- S. Kings River

DATE VISITED July 15, '77 AREA 0.8 ha ( 2.0 ac)

EST. DEPTH 7 m ( 27 ft) ELEV. 3,042 m ( 9,980 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Est. 90% < 5m deep. Organic bottom with heavy aquatic vegetation. All organisms including trout in the area areapparently very healthy. Many frogs and various insects including Caddis, Blue Draggons, and Mosquitos. Excellent spawning area at inlet. Pine forest area. Sedges around 95% of lake shore. Low visitor use. Surface temp. 16.6°C (62°F.)

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 200 | – | | RB | 216 | – | |
| RB | 200 | – | | RB | 253 | – | |
| RB | 201 | – | | RB | 307 | – | |
| RB | 180 | – | | RB | 231 | – | |
| RB | 215 | – | | RB | 198 | – | |
| RB | 150 | – | | RB | 227 | – | |
| RB | 240 | – | | RB | 177 | – | |
| RB | 212 | – | | RB | 288 | – | |
| RB | 237 | – | | RB | 175 | – | |
| RB | 175 | – | | RB | 242 | – | |
| RB | 195 | – | | RB | 196 | – | |
| RB | 266 | – | 8 | RB | 242 | – | |
| RB | 273 | – | 1,7,8 | RB | 236 | – | |
| RB | 147 | – | 8 | | | | |
| RB | 253 | – | | | | | |
| RB | 170 | – | | | | | |
| RB | 195 | – | | | | | |
| RB | 261 | – | | | | | |
| RB | 236 | – | 7 | | | | |
| RB | 234 | – | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Sixty Lakes 2 SPECIES FOUND 1° HYB 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE S. Kings River

DATE VISITED July 16, '77 AREA 1.2 ha ( 3.0 ac)

EST. DEPTH 7.6 m ( 25 ft) ELEV. 3,221 m ( 10,630 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 6,4

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 1200 | | | |
| GT | 35 | 4000 | | | |
| GT | 54 | 3000 | | | |
| GT | 56 | 4060 | | | |
| GT | 62 | 4000 | | | |
| GT | 63 | 4500 | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Est. 70% < 5m deep. Boulder and gravel bottom with some organic material. Excellent spawning area at main inflow stream. Some spawning area at main inflow stream. Some aquatic plants Isoetes and attached algae with sedges especially at inflow. Fish stunted and mature at a very small size. Small sparse white bark pine, shrubs, grasses, and wildflowers in area. Moderate visitor use. Surface temp. 19°C (66°F). Fingerlings seen in inlet stream.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 157 | | | RB | 167 | | |
| RB | 163 | | | Hyb | 165 | | |
| Hyb | 175 | | | RB | 156 | | |
| RB | 155 | | | Hyb | 172 | | |
| RB | 137 | | 8 | RB | 141 | | |
| RB | 153 | | | Hyb | 168 | | |
| Hyb | 165 | | 8 | Hyb | 161 | | |
| RB | 160 | | | Hyb | 187 | | 6 |
| RB | 135 | | | Hyb | 166 | | 6 |
| RB | 140 | | | | | | |
| RB | 145 | | | | | | |
| RB | 165 | | | | | | |
| Hyb | 164 | | 1,7,8 | | | | |
| Hyb | 180 | | 6,7,8 | | | | |
| Hyb | 161 | | | | | | |
| GT | 171 | | | | | | |
| Hyb | 145 | | | | | | |
| RB | 134 | | | | | | |
| Hyb | 157 | | | | | | |
| Hyb | 156 | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Sixty Lakes 3 SPECIES FOUND 1° RB 2° GT 3° HYB

TOPOMAP Mt. Pinchot DRAINAGE S. Fork Kings River

DATE VISITED July 14, '77 AREA 5.2 ha ( 13.0 ac)

EST. DEPTH 6 m ( 20 ft) ELEV. 3,243 m ( 10,640 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6, 5, 2 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 1200 | | | |
| GT | 35 | 4000 | | | |
| GT | 54 | 3000 | | | |
| GT | 56 | 4060 | | | |
| GT | 62 | 4000 | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Bottom mainly fine brown detritus. Many tree covered islands with soil. 90% < 5m deep. Spawning areas plentiful in outlet area. Few aquatic insects. Large areas of gravel at inlet and outlet. Fingerlings observed. Excessive numbers of young produced resulting in stunted population. Moderate visitor use. Stocking records apparently incomplete.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 173 | - | | GT | 173 | - | |
| RB | 178 | - | | RB | 165 | - | |
| RB | 195 | - | | RB | 144 | - | |
| RB | 175 | - | | Hyb | 177 | - | |
| RB | 165 | - | 8 | GT | 192 | - | |
| RB | 160 | - | | Hyb | 202 | - | |
| Hyb | 185 | - | | Hyb | 178 | - | |
| GT | 178 | - | | RB | 161 | - | |
| RB | 155 | - | | RB | 183 | - | |
| RB | 165 | - | | GT | 178 | - | |
| Hyb | 175 | - | | RB | 175 | - | |
| RB | 170 | - | | RB | 178 | - | |
| RB | 173 | - | | RB | 166 | - | |
| RB | 200 | - | | Hyb | 155 | - | |
| Hyb | 165 | - | | RB | 182 | - | 7,8 |
| RB | 152 | - | | | | | |
| RB | 164 | - | | | | | |
| RB | 170 | - | | | | | |
| RB | 164 | - | | | | | |
| RB | 155 | - | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 1200 | | | |
| GT | 35 | 4000 | | | |
| GT | 64 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sixty Lakes 8 SPECIES FOUND 1° RB 2° HYB 3°

TOPOMAP Mt. Pinchot DRAINAGE S. Fork Kings River

DATE VISITED July 15, '77 AREA 6 ha ( 15 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,347 m ( 10,980 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 5 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Large, very deep oligotrophic lake. 20% < 5m deep. Clean boulders, sand, and gravel bottom. Moderately good spawning at inlet and outlet. Mostly rainbow, but many have some golden influence. A few stunted trees on perimeter. Assume healthy, reproducing population. Surface temp.: 16°C (61°F) at 1700 hours. Inlet temp 15.5°C (60°F). Outlet temp 15°C (59°F).

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 33 | 1200 | | | |
| GT | 35 | 4000 | | | |
| GT | 64 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sixty Lakes 12 SPECIES FOUND 1° 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE S. Kings River

DATE VISITED July 16, '77 AREA 0.4 ha ( 2.175 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,365m ( 11,040 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) 10

DESCRIPTION, REMARKS

Deep lake with sand, gravel and boulders covering bottom. No rooted aquatic plants visible. No spawning area observed. No rises seen. Many frogs and unvertebrates seen in open water which indicates few or no trout. Sparse pine forest with a few large trees. Much bare granite. Moderate visitor use. Surface temp 14°C (57°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 163 | – | 8 | RB | 218 | – | 0 |
| RB | 157 | – | | RB | 147 | – | 8 |
| RB | 160 | – | | RB | 148 | – | 6 |
| RB | 317 | – | 2 | RB | 174 | – | 0 |
| RB | 276 | – | 1 | RB | 182 | – | 0 |
| RB | 165 | – | 8 | RB | 206 | – | 1 |
| RB | 271 | – | 4 | RB | 199 | – | 0 |
| RB | 225 | – | 8 | RB | 195 | – | 1 |
| RB | 279 | – | 1 | RB | 214 | – | 4 |
| RB | 266 | – | 0 | RB | 226 | – | |
| RB | 245 | – | 0 | RB | 188 | – | |
| RB | 222 | – | 1,8 | RB | 238 | – | |
| RB | 322 | – | 8 | RB | 263 | – | |
| RB | 242 | – | 0 | Hyb | 238 | – | 1 |
| RB | 250 | – | 1 | Hyb | 227 | – | 0 |
| RB | 257 | – | 1 | RB | 255 | – | 1 |
| RB | 260 | – | 4,8 | RB | 178 | – | |
| RB | 280 | – | 0 | RB | 183 | – | |
| RB | 232 | – | 1 | RB | 313 | – | 1 |
| RB | 240 | – | 2 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 32 | 6000 | | | |
| GT | 34 | 2700 | | | |
| GT | 35 | 8000 | | | |
| GT | 55 | 8100 | | | |
| GT | 62 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sky Blue SPECIES FOUND 1° GT 2° HYB 3°

TOPOMAP Mt. Whitney DRAINAGE Rock Creek

DATE VISITED Aug. 5, '77 AREA 16.7 ha ( 41.8 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,515 m (11,600 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 2 PRIMARY REASON(S) 0 SECONDARY REASON(S) 2

DESCRIPTION, REMARKS

Large, low productivity, clear lake. Fishing poor to fair. Small fish observed near inflow, good spawning gravel near shore. No rooted plants seen. Accessibility easy, visitor use heavy. Lake surface temperature, evening: 14°C (58°F).

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 250 | — | | | | | |
| GT | 232 | 140 | | | | | |
| Hyb | 450 | 1,055 | 4,7,8 | | | | |
| GT | 300 | 300 | 4,8 | | | | |
| GT | 317 | 365 | 4 | | | | |
| GT | 298 | 295 | 6 | | | | |
| GT | 330 | 405 | 6 | | | | |
| GT | 315 | 280 | 4,8 | | | | |
| GT | 340 | 395 | 4,8 | | | | |
| GT | 338 | 390 | 4,8 | | | | |
| GT | 300 | 290 | 6,7 | | | | |
| GT | 285 | 260 | 1 | | | | |
| Hyb | 275 | 220 | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | UNK | | | |
| GT | 54 | 2400 | | | |
| GT | 63 | 3000 | | | |
| GT | 68 | 2000 | | | |
| GT | 73 | 1141 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Slide 2 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 12, '77 AREA 2 ha ( 5.0 ac)

EST. DEPTH 9 m ( 29 ft) ELEV. 3,017 m ( 9,900 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S) 11

DESCRIPTION, REMARKS

Receives water from slide #3. Rocky terrain: talus on south side, sparse lodgepole pine stands on north, west and east sides. Bottom mainly bedrock and boulders, with light layer of silt. Some sandy areas. 20% < 5m deep. Shoreline is rocky, with patches of grass and brush. Sparse Potamogeton and Isoetes. Back swimmers and mosquitoes present. 20°C at surface in center of lake. Inlet has gentle gradient. Fish and Game data. Flows in from Slide #3. Spawning apparently nil here. Some spawning area in rocky outlet stream. Spawning success apparently nil. Difficult access. All fish seen were same size, no small trout or fry.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 300 | 250 | ♀ | | | | |
| GT | 290 | 210 | ♀ | | | | |
| GT | 275 | 190 | ♀ | | | | |
| GT | 280 | 220 | ♀ | | | | |
| GT | 270 | 170 | ♂ | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | UNK | | | |
| GT | 54 | 2400 | | | |
| GT | 63 | 3000 | | | |
| GT | 70 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

NAME Slide 3 SPECIES FOUND 1° 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 12, '77 AREA 2.8 ha ( 7.0 ac) * = cont. below

EST. DEPTH 12.1 m ( 40 ft) ELEV. 3,103 m (10,240 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Granite cirque surrounds 2/3 of basin, mostly rubble. Lodgepole pine sparse on north half. Crantic soil with some vegetation. Bottom rubble and boulders covered with some organic debris and silt. Inlets of questionable spawning value. Outlet rocky. Accessibility difficult, no campsites noted. Est. 20% under 5m deep. Temp: Air, 22°C (72°F). Water 19°C (66°F). Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | UNK | | | |
| GT | 54 | 2400 | | | |
| GT | 63 | 3000 | | | |
| GT | 68 | 2000 | | | |
| GT | 73 | 1141 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

NAME Slide 4 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Marion Pk DRAINAGE Mid Kings River

DATE VISITED Aug. 12, '77 AREA 1.4 ha ( 3.5 ac) * = cont. below

EST. DEPTH 3 m ( 10 ft) ELEV. 3,055 m (10,080 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 2 PRIMARY REASON(S) 13 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Est. 100% less than 5m. deep. Open grassy area in granite bedrock bowl. Talus slope on south side. Willows and lodgepole sparse. Bottom rocks silt. Aquatic plants: Isoetes, caxen, Potamogeton. Air temp. 15.5°C (60°F). Water Temp. 19.4°C (67°F). Inflow creek has spawning gravel at mouth, probably only good during high-water years. No campsites noted, access difficult. Fish and Game Department.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 270 | 190 | | | | | |
| GT | 290 | 180 | | | | | |
| GT | 230 | 130 | | | | | |
| GT | 310 | 345 | | | | | |
| GT | 150 | 40 | | | | | |
| GT | 280 | 230 | | | | | |
| GT | 265 | 190 | | | | | |
| GT | 290 | 280 | | | | | |
| GT | 280 | 250 | | | | | |
| GT | 280 | 230 | | | | | |
| GT | 260 | 180 | | | | | |
| GT | 260 | 200 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Soldier SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Kern River

DATE VISITED Aug. 4, '77 AREA 3.8 ha ( 9.6 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,408 m ( 11,180 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 3 PRIMARY REASON(S) 11 SECONDARY REASON(S) 5, 13, 7

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 58 | 7000 | | | |
| GT | 65 | 3000 | | | |
| GT | 69 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Set in low basin with large meadow on east side. Inlet stream meanders through meadow ca. 10-20 cm deep. Good spawning gravel. Inlet temperature 14°C (57°F). Lake bottom boulder and sand mixture, with some red oxidation material at inlet. Assume fish reproduce, but young no not make it. Afternoon temperatures: 15°C (59°F) at 12m (bottom); 17°C (62°F) at surface. Light visitor use. Accessibility moderate.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 410 | — | | | | | |
| GT | 354 | — | 8 | | | | |
| GT | 322 | — | 8 | | | | |
| GT | 322 | — | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME South Guard SPECIES FOUND 1° GT 2° HYB 3°

TOPOMAP Mt. Whitney DRAINAGE Roaring River

DATE VISITED July 12, '77 AREA 15.32 ha ( 38.8 ac)

EST. DEPTH 30 m ( 100 ft) ELEV. 3,524 m ( 11,630 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 4 PRIMARY REASON(S) 11 SECONDARY REASON(S) 13

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 56 | 7500 | | | |
| GT | 64 | 5000 | | | |
| GT | 70 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

DESCRIPTION, REMARKS

Caught only two fish in net, non by angling. Lake extremely clear due to low productivity. No apparent spawning gravels. Our experience seems to affirm the Roaring River Rangers contention that few, big fish live in South Guard. Inflow stream too steep for spawning. Many caddis-fly larvae observed. Accessibility difficult, visitor use light. No trees in basin. Air temp. 21°C (70°F), surface 12.2°C (54°F), temp. at 7m (23 Ft.) 8.8°C (48°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 332 | 400 | 6,7,8 | | | | |
| Hyb | 245 | 180 | 1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 53 | 4000 | | | |
| RB | 54 | 8000 | | | |
| RB | 60 | 4000 | | | |
| RB | 67 | 3000 | | | |
| RB | 72 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sphinx 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE South Fork Kings River

DATE VISITED July 17, '77 AREA 3 ha ( 7.5 ac)

EST. DEPTH 5 m ( 15 ft) ELEV. 2,912 m ( 9,610 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 2, 12

DESCRIPTION, REMARKS

Large meadow on west side of lake. Streams in meadow have spawning, many small fish. Visitor use heavy, accessibility moderate. Trees around all shores. Many fish observed in both shallow and deep water. Rooted aquatics sparse over entire bottom. Bottom organic material over granite. Outflow too steep to spawn in. Surface temp. 18.3°C (65°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 172 | 65 | | RB | 230 | 135 | |
| RB | 161 | 50 | | RB | 250 | 155 | |
| RB | 180 | 70 | | RB | 234 | 145 | |
| RB | 200 | 90 | | RB | 216 | 110 | |
| RB | 238 | 150 | | RB | 208 | 105 | |
| RB | 173 | 68 | | RB | 262 | 198 | |
| RB | 200 | 90 | | RB | 250 | 150 | |
| RB | 193 | 85 | | RB | 217 | 115 | |
| RB | 213 | 115 | | RB | 227 | 150 | |
| RB | 191 | 85 | | RB | 222 | 120 | |
| RB | 175 | 65 | | RB | 255 | 200 | |
| RB | 229 | 120 | | | | | |
| RB | 150 | 40 | | | | | |
| RB | 158 | 50 | | | | | |
| RB | 247 | 165 | | | | | |
| RB | 255 | 185 | | | | | |
| RB | 228 | 148 | | | | | |
| RB | 218 | 120 | | | | | |
| RB | 241 | 150 | | | | | |
| RB | 222 | 110 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 68 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sphinx 2 SPECIES FOUND 1° — 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE S. Fork Kings River

DATE VISITED July 17, '77 AREA 0.8 ha ( ~~1.9~~ 3.12 ac)

EST. DEPTH 6 m ( 20 ft) ELEV. 3,090 m (10,200 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Lake barren due to lake of food supply or spawning area. Outlet too steep, inlet flows down vertical talus through boulders. Surface temp. 12.8°C (55°F). Shallow, reeds and rocks around protrude through surface.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| SH | 12 | Many | | | |
| RB | 65 | 5000 | | | |
| RB | 70 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sphinx 3 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE South Fork Kings River

DATE VISITED July 16, '77 AREA 10.48 ha ( 26.2 ac)

EST. DEPTH 718 m ( 60 ft) ELEV. 3,187 m (10,520 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 PRIMARY REASON(S) 11, 7 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

South side of lake very steep, north side less so. Inflow choked with brush, no good spawning areas there. Outflow more gravel, sand, possibility of spawning but sizes of fish captured discount this possibility. No fish caught angling. Visitor use moderate, access difficult. Bottom of lake boulders and organic ooze. Small fish in lake may have washed down from "probably reproducing" Sphinx #4. Estimated 20% ∠ 5m deep.

********************************* F I S H C O L L E C T E D *********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 340 | 365 | 0 | | | | |
| RB | 361 | 578 | 1 | | | | |
| RB | 138 | 43 | 6 | | | | |
| RB | 355 | 528 | 0 | | | | |
| RB | 340 | 335 | 5,6 | | | | |
| RB | 320 | 547 | 0 | | | | |
| RB | 289 | 336 | 3,5 | | | | |
| RB | 366 | 595 | 1 | | | | |
| RB | 395 | 707 | 0 | | | | |
| RB | 345 | 485 | 0 | | | | |
| RB | 335 | 392 | 2 | | | | |
| RB | 390 | 635 | 5 | | | | |
| RB | 386 | 525 | 2 | | | | |
| RB | 200 | 188 | 4 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR |
|---|---|---|---|---|
| RB | 65 | 3000 | | |
| RB | 70 | 3000 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

* = cont. below

NAME Sphinx 4 SPECIES FOUND 1°RB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE South Fork Kings River

DATE VISITED July 16, '77 AREA 4.48 ha ( 11.2 ac)

EST. DEPTH 8.2 m ( 27 ft) ELEV. 3,212 m ( 10,540 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 2 PRIMARY REASON(S) 2 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

Small fish seen around shoreline, angling fair from shore, good trolling. Some gravel on north shore in coves. Trees and brush present in drainage. Temp: surface 17.2°C (63°F) at 13m (27 Ft.) 16.1°C (61°F). Bottom boulders and organic material. Visitor use moderate, access hard.

********************************* F I S H C O L L E C T E D *********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 200 | 105 | 4 | RB | 287 | 245 | |
| RB | 130 | 35 | 6 | | | | |
| RB | 225 | 140 | 0 | | | | |
| RB | 255 | 220 | | | | | |
| RB | 208 | 130 | 1 | | | | |
| RB | 260 | 240 | 1 | | | | |
| RB | 268 | 260 | 4 | | | | |
| RB | 301 | 275 | 0 | | | | |
| RB | 220 | 130 | 5 | | | | |
| RB | 265 | 255 | 0 | | | | |
| RB | 252 | 215 | 1,2 | | | | |
| RB | 260 | 215 | 5 | | | | |
| RB | 254 | 195 | 5,6 | | | | |
| RB | 248 | 195 | 1,3 | | | | |
| RB | 260 | 230 | | | | | |
| RB | 255 | 210 | 4 | | | | |
| RB | 262 | 230 | 4 | | | | |
| RB | 306 | 270 | 1,6 | | | | |
| RB | 280 | 295 | | | | | |
| RB | 283 | 285 | 4 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 65 | 3000 | | | |
| RB | 71 | 3000 | | | |
| RB | 76 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sphinx 6 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE South Fork Kings River

DATE VISITED July 15, '77 AREA 2 ha ( 5.0 ac)

EST. DEPTH 6.7 m ( 22 ft) ELEV. 3,395 m ( 11,140 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Lake seems good for spawning, gravel in inflow, outflow, and lake shore itself. Angling good. Temp data: air 18.3°C (65°), surface 15.5°C (60°F), at 7m (22 Ft.) 14.4°C (58°F). Shoreline mostly grasses and rocks. Visitor use light, access hard.

********************************* F I S H C O L L E C T E D *********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 245 | 165 | 0 | | | | |
| RB | 178 | 75 | 6 | | | | |
| RB | 155 | 50 | 0 | | | | |
| RB | 160 | 55 | 0 | | | | |
| RB | 178 | 65 | 0 | | | | |
| RB | 200 | 100 | 0 | | | | |
| RB | 190 | 85 | 0 | | | | |
| RB | 180 | 80 | 0 | | | | |
| RB | 278 | 230 | 3,6,1 | | | | |
| RB | 210 | 115 | 0 | | | | |
| RB | 242 | 165 | 4 | | | | |
| RB | 190 | 85 | 0 | | | | |
| RB | 197 | 95 | 0 | | | | |
| RB | 180 | 75 | 0 | | | | |
| RB | 190 | 80 | 0 | | | | |
| RB | 280 | 240 | 0 | | | | |
| RB | 259 | 210 | 0 | | | | |
| RB | 160 | 60 | 0 | | | | |
| RB | 252 | 185 | 1,6 | | | | |
| RB | 266 | 190 | 0 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | N |
|---|---|---|---|---|---|
| RB | 54 | 8000 | | | |
| RB | 60 | 4000 | | | |
| RB | 67 | 3500 | | | |
| RB | 72 | 3500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sphinx 8 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE South Fork Kings River

DATE VISITED July 15, '77 AREA 4.72 ha ( 11.8 ac)

EST. DEPTH 7.2 m ( 23 ft) ELEV. 3,395 m ( 11,140 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12, 2

DESCRIPTION, REMARKS

Good gravel in lake and outflow. Rainbows appear to be spawning due to sizes of fish caught and observed. Last year's spawn were probably smallest fish caught. Bottom rocky, drainage rocky and barren. Highest lake in Sphinx basin. Temp. data: air 18.3°C (65°F), end of net 7m (23 ft.) 14.4°C (58°F). Visitor usage light, access difficult.

********************************* F I S H C O L L E C T E D *********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 233 | 157 | 4 | RB | 261 | 212 | 0 |
| RB | 253 | 184 | 5 | RB | 245 | 235 | 4 |
| RB | 308 | 340 | 6 | RB | 272 | 200 | 1 |
| RB | 294 | 98 | 5 | RB | 265 | 200 | 5 |
| RB | 299 | 85 | 5,3 | RB | 269 | 199 | 1 |
| RB | 229 | 20 | 2 | RB | 317 | 313 | 0 |
| RB | 262 | 15 | 6 | RB | 250 | - | |
| RB | 254 | 05 | 5,3 | RB | 240 | - | |
| RB | 280 | 35 | 0 | RB | 270 | - | |
| RB | 261 | 162 | 4 | RB | 280 | - | |
| RB | 245 | 162 | 5 | RB | 305 | - | |
| RB | 226 | 142 | 1,2 | RB | 255 | - | |
| RB | 275 | 233 | 4 | | | | |
| RB | 210 | 117 | 6 | | | | |
| RB | 311 | 340 | 0 | | | | |
| RB | 292 | 300 | 1 | | | | |
| RB | 212 | 110 | 4 | | | | |
| RB | 242 | 148 | 5 | | | | |
| RB | 277 | 226 | 5 | | | | |
| RB | 270 | 217 | 4 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| No Records | | | | | |
| RB | 72 | 3[illegible] | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Sphinx 9 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Triple Divide Pk DRAINAGE South Fork Kings River

DATE VISITED July 16, '77 AREA 0.5 ha ( 1.3 ac)

EST. DEPTH 3.2 m ( 10 ft) ELEV. 3,317 m (10,880 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0 SECONDARY REASON(S) 12, 2

DESCRIPTION, REMARKS

Tiny lake below # 6, crammed with rainbows. Fishing good, no net set. All factors look good for spawning in creek inflow and outflow. Observed fingerlings in lake.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 195 | | | | | | |
| | 250 | | | | | | |
| | 230 | | | | | | |
| | 250 | | | | | | |
| | 228 | | | | | | |
| | 160 | | | | | | |
| | 215 | | | | | | |
| | 225 | | | | | | |
| | 215 | | | | | | |
| | 210 | | | | | | |
| | 205 | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 53 | 6240 | | | |
| GT | 62 | 4000 | | | |
| GT | 72 | 3000 | | | |
| GT | 73 | 1956 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Split Mountain SPECIES FOUND 1° RB 2° 3°

TOPOMAP Big Pine DRAINAGE S. Fk. Kings R.

DATE VISITED Aug. 24, '77 AREA 7 ha ( 17.5 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,658 m ( 12,000 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 4 PRIMARY REASON(S) 7, 11 SECONDARY REASON(S)

DESCRIPTION, REMARKS

High elevation, low productivity lake. No spawning areas observed. Only large fish caught. Barren in 1967. Visitor use low, accessibility difficult. Entire basin and bottom large, boulders. Surface temp. 11.6°C (53°F.). Outflow dry at this time. Very little vegetation of any type in area, obvious mistake in spawning records (GT-RB mix-up) due to type of fish caught.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 400 | 500 | | | | | |
| RB | 402 | 600 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 0400 | | | |
| GT | 58 | 7000 | | | |
| GT | 63 | 5200 | | | |
| GT | 70 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME State Lakes 1 SPECIES FOUND 1° HYB 2° RB 3° GT

TOPOMAP Marion Pk DRAINAGE Mid Kings River

DATE VISITED Aug. 10, '77 AREA 6 ha ( 15.0 ac)

EST. DEPTH 16 m ( 56 ft) ELEV. 3,139 m (10,300 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 2, 4 SECONDARY REASON(S) 0, 12

DESCRIPTION, REMARKS

Good spawning areas at inflow where fingerlings were observed. Area around lake forested to north and west and boulders with grass and shrubs to the south and east. Lake shallow eith silt and organic debris mostly observed. Boulders and rooted aquatics also observed. Est. 65% < 5m deep. Temp at surface 18°C (64°F) and 11°C (52°F) at 15m (49 Ft.). Visitor usage moderate to heavy with easy accesibility.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 230 | 110 | 1 | Hyb | 245 | 140 | 5 |
| GT | 260 | 140 | 1 | Hyb | 198 | 80 | 5 |
| GT | 220 | 100 | 5 | Hyb | 220 | 100 | 1 |
| GT | 350 | 400 | 1,8 | Hyb | 235 | 130 | 1 |
| GT | 207 | 80 | 4 | Hyb | 127 | 20 | 5,8 |
| GT | 242 | 130 | 1 | Hyb | 272 | 200 | 5 |
| GT | 170 | 90 | | Hyb | 220 | 90 | 6 |
| GT | 227 | 110 | | Hyb | 233 | 110 | 1 |
| | | | | Hyb | 182 | 60 | 0 |
| RB | 257 | 170 | 1 | Hyb | 132 | 25 | 0,8 |
| RB | 202 | 80 | 5 | Hyb | 220 | 100 | 1 |
| RB | 213 | 120 | 1 | Hyb | 275 | 200 | |
| RB | 204 | 160 | 4 | Hyb | 210 | 90 | |
| RB | 230 | 140 | 5 | Hyb | 212 | 90 | |
| RB | 314 | 270 | 1,7 | | | | |
| RB | 261 | 180 | 1 | | | | |
| RB | 187 | 70 | | | | | |
| | | | | | | | |
| Hyb | 227 | 110 | 1 | | | | |
| Hyb | 243 | 140 | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 58 | 7000 | | | |
| GT | 63 | 5200 | | | |
| GT | 72 | 3500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME State Lakes 2 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 10, '77 AREA 3.6 ha ( 9.0 ac)

EST. DEPTH 10 m ( 32.5ft) ELEV. 3,139 m ( 10,300 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 3 PRIMARY REASON(S) 11, 12, (poor) SECONDARY REASON(S) 7

DESCRIPTION, REMARKS

Poor spawning conditions, a few large fish and a lack of small ones point to a non-reproducing population in this lake. Area around lake grass and forest, bottom sand, silt, organic debris and rooted aquatics. Est. 70% < 5m deep. Temp. at surface 19°C (60°F) at 9m (30 Ft.). Visitor usage moderate to heavy.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 397 | 705 | 6,8 | | | | |
| GT | 407 | 675 | 1 | | | | |
| GT | 412 | 910 | 4(2),8 | | | | |
| GT | 385 | 710 | 4,7 | | | | |
| GT | 435 | 780 | 4,8 | | | | |
| | | | | | | | |
| Hyb | 439 | 1065 | 1 | | | | |
| Hyb | 407 | 770 | 4,8 | | | | |
| Hyb | 370 | 640 | 4 | | | | |
| Hyb | 408 | 768 | 1 | | | | |
| Hyb | 390 | 570 | 1,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Summit SPECIES FOUND 1° EB 2° 3°

TOPOMAP Mineral King DRAINAGE Mid Fork Tule River

DATE VISITED July 3, '77 AREA 1.7 ha ( 4.2 ac)

EST. DEPTH 10 m ( 33 ft) ELEV. 2,835 m ( 9,300 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 5, 13

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 30 | 10000 | EB | 50 | 5280 |
| EB | 31 | 6000 | EB | 60 | 4000 |
| EB | 32 | 6000 | EB | 62 | 5000 |
| EB | 33 | 6000 | EB | 67 | 4000 |
| EB | 34 | 8000 | | | |
| EB | 35 | 9136 | | | |
| EB | 38 | 4000 | | | |
| EB | 39 | 4000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Only lake visited by Sequoia National Park Lake Survey Crews in which both a few large fish and many fingerlings were observed with no intermediate sizes. Probably due to cannibalism on part of large fish and consequent low survival rate of fingerlings. Summit is a very productive lake surrounded by forest. The bottom is covered with silt and organic debris as well as rooted aquatic plants. Est. 80% < 5m deep. Temp. at surface 21°C (70°F) and 14°C (57°F) at 8m (27 Ft.). Visitor impact very heavy with easy accesibility. Inflow and outflow do not provide suitable spawning for rainbows but seem to be suitable for brooks.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 318 | | 8 | | | | |
| EB | 301 | | 1,8 | | | | |
| EB | 310 | | 1 | | | | |
| EB | 313 | | | | | | |
| EB | 310 | | 1,8 | | | | |
| EB | 321 | | 1,8 | | | | |
| EB | 308 | | 7 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Tamarack SPECIES FOUND 1°GT 2° HYB 3° RB

TOPOMAP Triple Divide Pk. DRAINAGE Mid Fork Kaweah River

DATE VISITED June 22, '77 AREA 68 ha ( ~~17.0~~ 28 ac)

EST. DEPTH 7 m ( 21 ft) ELEV. 2,835 m ( 9,300 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 2, 4 SECONDARY REASON(S) 5, 12, 3

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 23 | UNK | | | |
| RB | 30 | 10000 | | | |
| EB | 33 | 10000 | | | |
| EB | 54 | 4000 | | | |
| RB | 60 | 4000 | | | |
| GT | 65 | 3300 | | | |
| GT | 70 | 3000 | | | |

* = cont. below

DESCRIPTION, REMARKS

Lush lake with meadows and forest lined banks. Bottom has much organic debris, some boulders and rooted aquatics. Est. 90% < 5m deep. Temp at surface 11.5°C (53°F) and 11°C (52°F) at 4m (13 Ft.). Visitor usage moderate with easy accesibility. Inflow and outflow running well when visited and are suitable for spawning.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 242 | | from outlet creek | GT | 270 | | 1 |
| GT | 257 | | " | GT | 225 | | |
| GT | 183 | | " | GT | 196 | | |
| GT | 287 | | | GT | 205 | | |
| GT | 108 | | | GT | 242 | | |
| GT | 225 | | | GT | 222 | | 4 |
| GT | 315 | | 1,8 | GT | 228 | | |
| GT | 262 | | | GT | 217 | | |
| GT | 216 | | | GT | 222 | | |
| GT | 260 | | | GT | 246 | | |
| GT | 243 | | | RB | 242 | | 4,7,8 |
| GT | 256 | | 7 | RB | 225 | | 1 |
| GT | 247 | | | RB | 148 | | 8 |
| GT | 308 | | 4 | RB | 254 | | |
| GT | 243 | | | RB | 175 | | |
| GT | 242 | | | Hyb | 206 | | |
| GT | 254 | | | Hyb | 178 | | |
| GT | 238 | | | Hyb | 244 | | |
| GT | 222 | | | Hyb | 197 | | |
| GT | 209 | | | Hyb | 211 | | |
| GT | 197 | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 29 | 52 | | | |
| RB | 52 | 8700 | | | |
| RB | 60 | 10000 | | | |
| RB | 67 | 3500 | | | |
| RB | 73 | 4000 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Tunemah SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Goddard DRAINAGE Mid Kings River

DATE VISITED Sept. 11, '77 AREA 15.8 ha ( 39.5 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,379 m ( 11,150 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S) 9

DESCRIPTION, REMARKS

Very deep, large lake. Steep drop on all sides to bottom. 5% < 5m deep. All fish inspected has white meat. No spawn areas observed anywhere around lake. Main inlet dry, as well as outlet. Plankton sample seemed to be devoid of life. Light visitor use. Few stunted white bark pines. Organic and boulder bottom. All fish were of similar, large size. Lake thermally stratified: 9°C at 20m; 13°C at surface. Temperatures taken at 1700 hours. Difficult accessibility.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 316 | 270 | 8 | RB | 234 | 120 | 8 |
| RB | 328 | 265 | | RB | 367 | 380 | 8 |
| RB | 326 | 235 | | | | | |
| RB | 321 | 250 | | | | | |
| RB | 338 | 290 | | | | | |
| RB | 302 | 210 | 8 | | | | |
| RB | 337 | 285 | | | | | |
| RB | 327 | 290 | | | | | |
| RB | 340 | 310 | 7.8 | | | | |
| RB | 333 | 290 | | | | | |
| RB | 346 | 315 | 8.5 | | | | |
| RB | 334 | 295 | | | | | |
| RB | 337 | 290 | 8 | | | | |
| RB | 312 | 200 | 8 | | | | |
| RB | 327 | 250 | 8 | | | | |
| RB | 340 | 280 | 8 | | | | |
| RB | 320 | 250 | 8 | | | | |
| RB | 347 | 325 | 8 | | | | |
| RB | 347 | 320 | 8 | | | | |
| RB | 329 | 250 | 8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 29 | 4000 | EB | 43 | 6800 |
| EB | 30 | 5000 | EB | 44 | 984 |
| EB | 32 | 6000 | EB | 45 | 11100 |
| EB | 33 | 10000 | EB | 47 | 6300 |
| EB | 35 | 10000 | EB | 50 | 9000 |
| EB | 36 | 8000 | EB | 55 | 2457 |
| EB | 37 | 6400 | EB | 59 | 3000 |
| EB | 41 | 6500 | EB | 64 | 2500 |

* = cont. below

NAME Twin 1 SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Marble Fork Kaweah River

DATE VISITED July 5, '77 AREA 2.88 ha ( 7.2 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 2,957 m ( 9,759 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5, 0 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Organic and boulder bottom, rooted aquatics. Heavily forested basin, heavy visitor use, access easy. Est. 40% < 5m deep. Shallow south, deep north side. Angling, fair to good from shore, poor trolling. Successful EB population.

FISH COLLECTED

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 300 | — | 1 | EB | 215 | — | 1 |
| EB | 195 | — | 1 | EB | 215 | — | 1 |
| EB | 188 | — | 1.8 | EB | 195 | — | 1 |
| EB | 280 | — | 4 | | | | |
| EB | 212 | — | 0 | | | | |
| EB | 250 | — | 7 | | | | |
| EB | 319 | — | 1 | | | | |
| EB | 260 | — | 0 | | | | |
| EB | 268 | — | 0 | | | | |
| EB | 260 | — | 0 | | | | |
| EB | 268 | — | 1 | | | | |
| EB | 255 | — | 1 | | | | |
| EB | 295 | — | 1 | | | | |
| EB | 278 | — | 0 | | | | |
| EB | 256 | — | 1 | | | | |
| EB | 205 | — | 0 | | | | |
| EB | 278 | — | 0 | | | | |
| EB | 260 | — | 0 | | | | |
| EB | 208 | — | 0 | | | | |
| EB | 208 | — | 0 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EB | 27 | 6000 | GT | 34 | 10000 | | | | | | |
| EB | 39 | 3000 | EB | 34 | 6000 | | | | | | |
| GT | 35 | 6000 | GT | 33 | 5000 | | | | | | |

NAME Twin Lakes 2 SPECIES FOUND 1° EB 2° 3°

TOPOMAP Triple Divide Pk. DRAINAGE Marble Fork Kaweah River

DATE VISITED Aug. 4, '77 AREA 0.64 ha ( 1.6 ac)

EST. DEPTH 6.8 m ( 22 ft) ELEV. 2,974 m ( 9,759 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 2 SECONDARY REASON(S) 0, 12, 6

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| EB | 30 | 5000 | EB | 38 | 6000 |
| GT | 32 | 5000 | EB | 39 | 3000 |
| EB | 33 | 6000 | EB | 41 | 2500 |
| GT | 34 | 10000 | EB | 43 | 6800 |
| EB | 35 | 10000 | EB | 44 | 9600 |
| EB | 35 | 6000 | EB | 45 | 11100 |
| EB | 36 | 8000 | EB | 50 | 9000 |
| EB | 37 | 1600 | EB | 53 | 3996 |

* = cont. below *

DESCRIPTION, REMARKS

Est. 70% < 5m deep. Organic and boulder bottom. Fry observed. North section 6m (20 Ft.) deep. Some excellent spawning gravel observed near shore. Air temp. 18.3°C (65°F), surface 19.4°C (67°F), 5.2m (17 Ft.) 18.8°C (66°F). Very small lake, rooted vegetation along west side. Heavily forested area. Moderate visitor use.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 236 | - | 0 | EB | 176 | - | 0 |
| EB | 176 | - | 0 | EB | 183 | - | 0 |
| EB | 166 | - | 0 | EB | 232 | - | 0 |
| EB | 230 | - | 1 | EB | 165 | - | 0 |
| EB | 230 | - | 0 | EB | 150 | - | 0 |
| EB | 221 | - | 0 | EB | 187 | - | 0 |
| EB | 236 | - | 0 | EB | 162 | - | 0 |
| EB | 238 | - | 0 | EB | 165 | - | 0 |
| EB | 261 | - | 0 | EB | 225 | - | 1,7 |
| EB | 252 | - | 0 | EB | 215 | - | 1 |
| EB | 155 | - | 0 | EB | 205 | - | 1 |
| EB | 225 | - | 1 | EB | 166 | - | 1 |
| EB | 206 | - | 1 | EB | 168 | - | 0 |
| EB | 211 | - | 1 | EB | 180 | - | 0 |
| EB | 201 | - | 0 | EB | 214 | - | 0 |
| EB | 172 | - | 0 | EB | 203 | - | 0 |
| EB | 169 | - | 1 | EB | 207 | - | 0 |
| EB | 170 | - | 0 | | | | |
| EB | 181 | - | 0 | | | | |
| EB | 225 | - | 1 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EB | 59 | 2500 | | | | | | | | | |
| EB | 64 | 2500 | | | | | | | | | |
| | | | | | | | | | | | |

NAME Upper Palisade 1 SPECIES FOUND 1° — 2° 3°

TOPOMAP Big Pine DRAINAGE Mid Kings River

DATE VISITED Aug. 25, '77 AREA 6.8 ha ( 17.0 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,436 m (11,273 ft) REL. PLANKTON ABUNDANCE H M

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) 10

STOCKING RECORD TO 19

| TYPE | YR | NO. | TYPE | YR |
|---|---|---|---|---|
| RB | 35 | 5000 | | |
| RB | 34 | 2000 | | |
| RB | 36 | 4000 | | |
| GT | 57 | 5100 | | |
| GT | 63 | 4000 | | |
| GT | 68 | 4000 | | |
| | | | | |
| | | | | |

* = cont. belo

DESCRIPTION, REMARKS

Barren of trout. Talus slope on west, north and south. Grassy meadow on east. Tadpoles visible swimming in open water. Light visitor use. No trees or shrubs in area. Surface temp. 13°C (55°F). Temp at 6m 12°C (53°). No aquatic vegetation observed.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARK |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 34 | 2000 | | | |
| RB | 35 | 5000 | | | |
| RB | 36 | 4000 | | | |
| GT | 63 | 4000 | | | |
| GT | 70 | 4000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Upper Palisade 2 SPECIES FOUND 1° — 2° 3°

TOPOMAP Big Pine DRAINAGE Mid Kings River

DATE VISITED Sept. 11,'77 AREA 5 ha ( 26'3 ~~12 ac~~)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,546 m ( 11,632 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Barren of fish. Visitor use light, access difficult. Deep on north side and in center. Est. 30% < 5m deep. Shoreline 90% boulders, 10% grasses. Lake .3m (1 Ft.) below outflow. Small spring on north shore 5m (16 Ft.) above lake, flowing at this time. Surface temp. 10.5°C (51°F). Outlet has little good gravel for spawning.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 33 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Vidette 1 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Bubbs Creek - S. Kings River

DATE VISITED July 14, '77 AREA 3.3 ha ( 8.1 ac)

EST. DEPTH 9.9 m ( 30 ft) ELEV. 3,212 m ( 10,600 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 0, 2 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Ext. 40% < 5m deep. Boulder bottom except for organic matter and Isoetes found in south side. Gravel at inlet and outflow seems adequate for spawning. Light visitor use. Small trout observed. Surface temp. 17°C (63°F). Sparse white bark pines, shrubs, and wildflowers in an area of exposed granite. No trail to lake.

********************************** F I S H C O L L E C T E D **********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 163 | G | | | | | |
| RB | 159 | G | | | | | |
| RB | 201 | G | | | | | |
| RB | 257 | G | | | | | |
| RB | 220 | G | | | | | |
| RB | 165 | G | | | | | |
| RB | 184 | G | | | | | |
| RB | 201 | G | | | | | |
| RB | 182 | G | | | | | |
| RB | 104 | G | | | | | |
| RB | 174 | G | | | | | |
| RB | 225 | G | | | | | |
| RB | 128 | G | | | | | |
| RB | 181 | G | | | | | |
| RB | 182 | G | | | | | |
| RB | 203 | G | | | | | |
| RB | 257 | G | 7.8 | | | | |
| | | | | | | | |
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 33 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Vidette 2 SPECIES FOUND 1° GT 2° HYB 3° RB

TOPOMAP Mt. Whitney DRAINAGE Bubbs Creek - S. Kings Riv.

DATE VISITED July 14, '77 AREA 1.25 ha ( 3.1 ac)

EST. DEPTH 13 m ( 40 ft) ELEV. 3,295 m ( 10,810 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 4 SECONDARY REASON(S) 0

DESCRIPTION, REMARKS

3m waterfall from upper lake is predominate in supporting the excellent trout population. Current flow out well into lake. Boulder and gravel bottom fine for spawning. There is some organic cover. Most fish contain milt or mature eggs ready for spawning. Small white bark pines around lake. No rooted aquatic plants observed. Light visitor use. Temp. 16°C (61°F) at surface. 15°C (59°F) at 5.5m.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 291 | G | 1 | GT | 285 | G | |
| GT | 231 | | 6 | GT | 355 | G | 1,7,8 |
| GT | 243 | | 6 | GT | 343 | G | |
| GT | 231 | | 1,2 | GT | 350 | VG | 2 |
| GT | 250 | | 6,7 | GT | 284 | G | |
| GT | 272 | | 6 | Hyb | 245 | G | 1,8 |
| GT | 212 | | | Hyb | 161 | G | |
| GT | 318 | | | Hyb | 214 | G | 6 |
| GT | 250 | | 6 | Hyb | 201 | G | 6 |
| GT | 275 | VG | 6 | Hyb | 215 | G | |
| GT | 295 | VG | 6 | Hyb | 237 | G | 1 |
| GT | 330 | G | 6,8 | Hyb | 291 | VG | 6 |
| GT | 281 | | 6 | Hyb | 204 | G | |
| GT | 270 | | 6 | Hyb | 210 | G | |
| GT | 267 | | 6,8 | RB | 165 | G | 8 |
| GT | 324 | | 6 | RB | 145 | G | |
| GT | 274 | G | 6 | RB | 237 | G | 1,8 |
| GT | 335 | G | 6 | RB | 198 | G | 1 |
| GT | 361 | VG | 1,2 | RB | 220 | G | 6,8 |
| GT | 327 | VG | 6 | RB | 251 | G | 1,2 |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | N |
|---|---|---|---|---|---|
| RB | 33 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Vidette 3 SPECIES FOUND 1° GT 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Bubbs Creek - S. Kings River

DATE VISITED July 15, '77 AREA 4.24 ha ( 10.6 ac)

EST. DEPTH 18 m ( 60 ft) ELEV. 3,279 m ( 10,820 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 3 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Stocking record incomplete. Est. 40% < 5m deep. Boulder bottom with fine organic cover. Few aquatic plants observed. Apparently good spawning conditions at outflow, although some condition of the lake prevents the continuation of a trout population. Wildflowers, shrubs, and scattered white bark pines in area. Light visitor use. Temp 13°C (56°F) at surface and at 5m.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 323 | - | 6 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 50 | | | |
| RB | 52 | 8700 | | | |
| RB | 66 | 8000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 1 SPECIES FOUND 1° Hyb, 2° RB 3° GT

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 10, '77 AREA 1.2 ha ( 3.0 ac)

EST. DEPTH 2.5 m ( 8 ft) ELEV. 3125 m ( 10,250 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Area of lodgepole pine, willow and aspen and large areas of exposed granite. Large stones over an organic bottom. Isoetes, Nitella, other aquatic plants observed. Sedges near shore. Many small stunted fish. Spawning areas in inlet streams good. Light visitor use. Surface temp. 19°C (66°F.) Fish and Game data.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| Hyb | 230 | 150 | | | | | |
| Hyb | 270 | 165 | | | | | |
| Hyb | 240 | 154 | | | | | |
| Hyb | 175 | 70 | | | | | |
| Hyb | 240 | 140 | | | | | |
| Hyb | 310 | 265 | | | | | |
| Hyb | 175 | 45 | | | | | |
| Hyb | 160 | 50 | | | | | |
| Hyb | 220 | 110 | | | | | |
| Hyb | 300 | 215 | | | | | |
| RB | 260 | 145 | | | | | |
| RB | 270 | 165 | | | | | |
| RB | 280 | 140 | | | | | |
| RB | 285 | 185 | | | | | |
| RB | 200 | 90 | | | | | |
| GT | 260 | 135 | | | | | |
| GT | 200 | - | | | | | |
| GT | 220 | 100 | | | | | |
| GT | 220 | 160 | | | | | |
| GT | 150 | - | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 50 | | | |
| RB | 52 | 6960 | | | |
| RB | 66 | 8000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 2 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 11, '77 AREA 3.2 ha ( 8.0 ac)

EST. DEPTH 9 m ( 30 ft) ELEV. 3,193 m ( 9,580 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 2 PRIMARY REASON(S) 13 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Est. 70% < 5m deep. Organic bottom with many fallen trees in shallow water. Some small rooted equatic plants and attached algae on bottom. No inflow sufficient for spawning. Some gravel at outflow. Lake 0.5m below outflow level. All fish caught and many more that were observed were virtually the same size. No small fish observed. Probably some intermittant spawning. Little visitor use. Many fish in lake. Forested area. Surface temp. 21°C (69°F). Temp at 3m 19°C (67°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 260 | 180 | 8 | | | | |
| RB | 265 | 220 | 8 | | | | |
| RB | 255 | 200 | 8 | | | | |
| RB | 270 | 200 | | | | | |
| RB | 270 | 225 | | | | | |
| RB | 265 | 200 | | | | | |
| RB | 280 | 220 | | | | | |
| RB | 277 | 205 | 8 | | | | |
| RB | 273 | 140 | 8 | | | | |
| RB | 279 | 200 | 8 | | | | |
| RB | 290 | 205 | 8 | | | | |
| RB | 260 | 165 | - | | | | |
| RB | 327 | 305 | 8 | | | | |
| RB | 274 | 185 | - | | | | |
| RB | 253 | 120 | 8 | | | | |
| RB | 276 | 198 | - | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 64 | 2500 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 3E SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 10, '77 AREA 2.2 ha ( 5.5 ac)

EST. DEPTH 6 m ( 20 ft) ELEV. 3,133 m ( 9,400 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S) 8

DESCRIPTION, REMARKS

Possibly incomplete stocking records. Est. 90% < 5m deeper. Organic bottom. Some small Isoetes and sedges near shore. No apparent spawning areas. Very little gravel and only a few tiny inflows. Lake .3m below level of outflow. Moderate visitor use. Surface temp. °C (69°F). No small fish caught or observed. Reabsorbing mature eggs is further indication of lack of natural reproduction. Forested area.

********************************* F I S H C O L L E C T E D *********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 525 | 400 | | | | | |
| RB | 330 | 495 | | | | | |
| RB | 325 | 342 | | | | | |
| RB | 370 | 530 | 0,8 | | | | |
| RB | 365 | 540 | 1 | | | | |
| RB | 345 | 470 | 1,2,8 | | | | |
| RB | 380 | 490 | 0,8 | | | | |
| RB | 355 | 535 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | N |
|---|---|---|---|---|---|
| GT | 28 | 50 | | | |
| RB | 52 | 6960 | | | |
| RG | 66 | 8000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 3W SPECIES FOUND 1° GT 2° HYB 3° RB.

TOPOMAP Marion Pk. DRAINAGE Mid Kings R.

DATE VISITED Aug. 10, '77 AREA 0.8 ha ( 2.4 ~~2.8~~ ac)

EST. DEPTH 1 m ( 3 ft) ELEV. 2,879 m ( 9,500 ft) REL. PLANKTON ABUNDANCE H (M) L

LAKE CATEGORY 1 PRIMARY REASON(S) 6 SECONDARY REASON(S) 12

DESCRIPTION, REMARKS

Organic and boulder bottom. Marshy with sedges. Isoetes Nitella, algae and other aquatic plants on bottom. Sparse lodgepole forest in area. Some good spawning areas in inlet streams. Light visitor use. Surface temp. 25°C (77°F). Fish and Game data.

********************************* F I S H C O L L E C T E D *********************************

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| GT | 205 | 85 | 7,8 | | | | |
| | 195 | 55 | | | | | |
| | 190 | 60 | | | | | |
| | 210 | 80 | | | | | |
| | 210 | 75 | | | | | |
| | 240 | 105 | | | | | |
| | 185 | 60 | | | | | |
| | 190 | 70 | | | | | |
| | 220 | 90 | | | | | |
| | 200 | 80 | | | | | |
| | 200 | 75 | | | | | |
| | 200 | 65 | | | | | |
| RB | 280 | 150 | 7,8 | | | | |
| | 255 | 100 | | | | | |
| | 220 | 85 | | | | | |
| | 270 | 125 | | | | | |
| HYB | 265 | 90 | | | | | |
| | 170 | 40 | | | | | |
| | 195 | 65 | | | | | |
| | 165 | 35 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 28 | 100 | | | |
| GT | 66 | 7000 | | | |
| RB | 69 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 4 SPECIES FOUND 1° RB 2° 3°

TOPOMAP MARION PK. DRAINAGE Mid King River

DATE VISITED Aug. 10, '77 AREA 4 ha ( 10.0 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 2,976 m ( 9,820 ft) REL. PLANKTON ABUNDANCE (H) M L

LAKE CATEGORY 2 PRIMARY REASON(S) 13 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Est. 60% < 5m deep. Organic bottom with some Isoetes. Some sedges near shore. No visible spawning areas. Very little gravel and only several tiny runoff inflows. Lake 3m below level of outflow. Heavy visitor use. Forested area with natural reporduction if stocking records are correct. Surface temp. 26°C (69°F).

********** FISH COLLECTED **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 323 | 245 | 8,2 | | | | |
| | 323 | 318 | 8 | | | | |
| | 332 | G | 8 | | | | |
| | 328 | G | 8 | | | | |
| | 309 | G | 8 | | | | |
| | 348 | G | 8 | | | | |
| | 321 | 305 | 0,7,8 | | | | |
| | 329 | 270 | 0,8 | | | | |
| | 314 | 265 | 0 | | | | |
| | 338 | 315 | 0 | | | | |
| | 358 | 378 | 0 | | | | |
| | 327 | 250 | 0,8 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 63 | 3000 | | | |
| RB | 74 | 1000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 5 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk DRAINAGE Mid Kings River

DATE VISITED Aug. 10, '77 AREA 10.7 ha ( 26.8 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 2,945 m ( 9,720 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S) _____

DESCRIPTION, REMARKS

Est. 50% < 5m deep. Organic bottom with little exposed gravel. Only very small inflows now dry. Lake level 3m below outlet stream, apparently good production. Water light green and fish in good condition. Many fish in lake but no small fish observed. Probably little natural reproduction but scale samples must be aged to make sure. Moderate visitor use. Surface temp. 19°C (67°F). Temp. at 5m 18°C (65°F). Moderate forest cover with large exposed granite areas.

********** FISH COLLECTED **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 291 | | 8 | RB | 274 | 128 | |
| RB | 266 | | 8 | | | | |
| RB | 268 | | 8 | | | | |
| RB | 318 | | 8 | | | | |
| RB | 302 | | 8 | | | | |
| RB | 288 | | | | | | |
| RB | 273 | | | | | | |
| RB | 258 | | | | | | |
| RB | 291 | | | | | | |
| RB | 266 | | | | | | |
| RB | 313 | | | | | | |
| RB | 282 | | | | | | |
| RB | 288 | | | | | | |
| RB | 247 | | | | | | |
| RB | 247 | | | | | | |
| RB | 209 | 68 | 8,7 | | | | |
| RB | 315 | 255 | 8 | | | | |
| RB | 300 | 200 | 8 | | | | |
| RB | 269 | 180 | – | | | | |
| RB | 313 | 215 | – | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 69 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 7E SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 13, '77 AREA 7.5 ha ( 18.7 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,121 m ( 10,300 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 2 PRIMARY REASON(S) 5 SECONDARY REASON(S) 13

DESCRIPTION, REMARKS

Est. 40% < 5m deep. Rocky bottom with organic layer and some sparse patches of gravel. Small rooted plants and attached algae. May be some spawning at mouths of several small inflow streams (now dry) in years of high precipitation. Lake 5m below outlet level. Good food supply. Fish all fat and healthy. Apparently some natural reproduction since last planting was in 1969. Light visitor use. Surface temp. 17°C (62°F). Only a few wildflowers, grasses and shrubs in area. Large region of exposed granite.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 258 | 283 | 1,7,8 | | | | |
| RB | 249 | 205 | 0,8 | | | | |
| RB | 290 | 275 | 0 | | | | |
| RB | 282 | 265 | 0,8 | | | | |
| RB | 440 | 785 | 0,18 | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | N |
|---|---|---|---|---|---|
| RB | 65 | 5000 | | | |
| RB | 69 | 3000 | | | |
| RB | 74 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 7W SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 11, '77 AREA 16.7 ha ( 41.9 ac)

EST. DEPTH 20 m ( 66 ft) ELEV. 3,102 m (10,238 ft) REL. PLANKTON ABUNDANCE H M (L)

LAKE CATEGORY 3 PRIMARY REASON(S) 7 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Est. 40% < 5m deep. Broken rock and boulder bottom with a thin organic layer. Sparse aquatic vegetation. No gravel at two outflows (now dry). Lake level .5m below outflow level. Some sparse gravel where several small inflows enter lakes. No small fish caught or observed. Moderate visitor use. Many frogs. No trees but some shrubs in an area of exposed granite.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 291 | 290 | 0,8 | | | | |
| RB | 281 | 265 | 1,8 | | | | |
| RB | 282 | 240 | | | | | |
| RB | 275 | 233 | | | | | |
| RB | 279 | 240 | | | | | |
| RB | 326 | 330 | 8 | | | | |
| RB | 266 | 205 | 8 | | | | |
| RB | 251 | 135 | 8 | | | | |
| RB | 263 | 163 | 8 | | | | |
| RB | 241 | 108 | 8 | | | | |
| RB | 265 | 195 | | | | | |
| RB | 275 | 225 | | | | | |
| RB | 265 | 153 | 0,8,7 | | | | |
| RB | 283 | 290 | | | | | |
| RB | 236 | 170 | | | | | |
| RB | 318 | — | | | | | |
| RB | 260 | — | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| RB | 63 | 3000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Volcanic 10 SPECIES FOUND 1° RB 2° 3°

TOPOMAP Marion Pk. DRAINAGE Mid Kings River

DATE VISITED Aug. 13, '77 AREA 8.5 ha ( 21.2 ac)

EST. DEPTH 10 m ( 30 ft) ELEV. 3,148 m ( 10,390 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5 SECONDARY REASON(S) 0, 12

DESCRIPTION, REMARKS

Est. 70% < 5m deep. Rocky bottom with organic layer. Sparse Isoetes and attached algae. Probable natural reproduction where large flat inflow (dry) enters lake. Apparently this inflow holds large amounts of water during spring runoff. Some gravel patches at inflow mouth. Lake level .3m below outlet level. Light visitor use. Only sparse grasses and wildflowers in an area of exposed granite. Surface temp. 18°C (64°F). Temp at 5m 17°C (62°F).

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| RB | 155 | | | | | | |
| RB | 262 | 125 | ♥ | | | | |
| RB | 265 | 195 | ♂ | | | | |
| RB | 262 | 190 | | | | | |
| RB | 324 | 284 | ♂ | | | | |
| RB | 255 | 135 | ♂ | | | | |
| RB | 175 | 75 | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 32 | 15000 | | | |
| GT | 33 | 12000 | | | |
| GT | 55 | 9900 | | | |
| GT | 60 | 7000 | | | |
| GT | 65 | 4500 | | | |
| | | | | | |
| | | | | | |

* = cont. below

NAME Wales SPECIES FOUND 1° — 2° 3°

TOPOMAP Mt. Whitney DRAINAGE Kern River

DATE VISITED Aug. 8, '77 AREA 54.9 ha ( 137.3 ac)

EST. DEPTH 20 m ( 60 ft) ELEV. 3,566 m ( 11,732 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 5 PRIMARY REASON(S) 1 SECONDARY REASON(S)

DESCRIPTION, REMARKS

Bottom mainly bedrock and sand. Many mosquitoe larvae on surface. Very little grass around lake, barren area. No fish or rises seen. Used angling only. Assume lake barren.

********** F I S H C O L L E C T E D **********

| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

STOCKING RECORD (continued from above)

| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NAME Woods SPECIES FOUND 1° EB 2° 3°

TOPOMAP Mt. Pinchot DRAINAGE S. Fork Kings River

DATE VISITED Sept. 7, '77 AREA 28 ha ( 70.0 ac)

EST. DEPTH 20 m ( 65 ft) ELEV. 3,268 m ( 10,720 ft) REL. PLANKTON ABUNDANCE H M L

LAKE CATEGORY 1 PRIMARY REASON(S) 5, 2 SECONDARY REASON(S) 12

STOCKING RECORD TO 1976

| TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|
| GT | 30 | 5000 | EB | 39 | 8024 |
| EB | 30 | 6000 | EB | 40 | 20016 |
| GT | 32 | 6000 | EB | 41 | 14400 |
| SH | 32 | 3000 | | | |
| RB | 33 | 6000 | | | |
| EB | 35 | 14600 | | | |
| EB | 37 | 10019 | | | |
| EB | 38 | 8004 | | | |

* = cont. below

DESCRIPTION, REMARKS

A typically excellent lake for successful brook trout reproduction. Hundreds of fingerlings observed. Redds observed in outflow. Gravel present all around lake. Fishing excellent. Numerous small streams, most flowing. Some fish caught appear stunted, most appear good. Lake is probably at or near maximum carrying capacity.

Shoreline wooded, some boulders and granite. Access easy via Sawmill Pass with stock. Visitor use heavy.

********** F I S H C O L L E C T E D **********

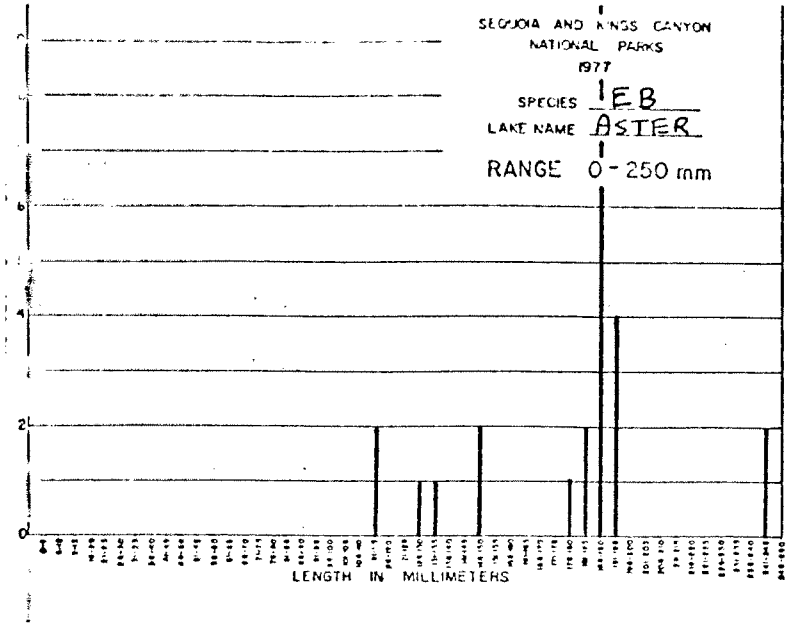
| TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS | TYPE | LENGTH (mm) | WEIGHT (g) | REMARKS |
|---|---|---|---|---|---|---|---|
| EB | 260 | 180 | | EB | 251 | 150 | |
| EB | 240 | 160 | | EB | 205 | 100 | |
| EB | 240 | 160 | | EB | 185 | 165 | |
| EB | 245 | 155 | 7 | EB | 249 | 150 | |
| EB | 255 | 160 | 6 | EB | 232 | 140 | 8,2 |
| EB | 275 | 170 | 6 | EB | 195 | 80 | 8 |
| EB | 260 | 155 | | EB | 221 | 105 | 8 |
| EB | 255 | 180 | | EB | 224 | 110 | 8 |
| EB | 250 | 160 | | EB | 220 | 180 | 8,2 |
| EB | 265 | 180 | | EB | 237 | 125 | 9,2 |
| EB | 250 | 190 | | EB | 230 | 120 | |
| EB | 200 | 160 | | EB | 242 | 195 | 8,2 |
| EB | 205 | 140 | | EB | 247 | 155 | |
| EB | 200 | 230 | | EB | 246 | 140 | |
| EB | 230 | 150 | | EB | 253 | 150 | |
| EB | 240 | 150 | | | | | |
| EB | 260 | 170 | | | | | |
| EB | 230 | 120 | | | | | |
| EB | 245 | 130 | | | | | |
| EB | — | — | | | | | |

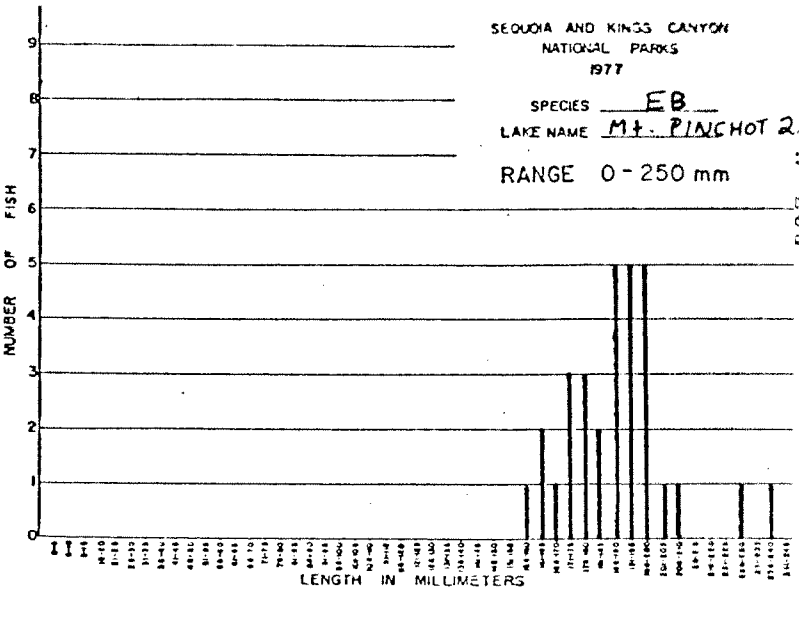
STOCKING RECORD (continued from above)

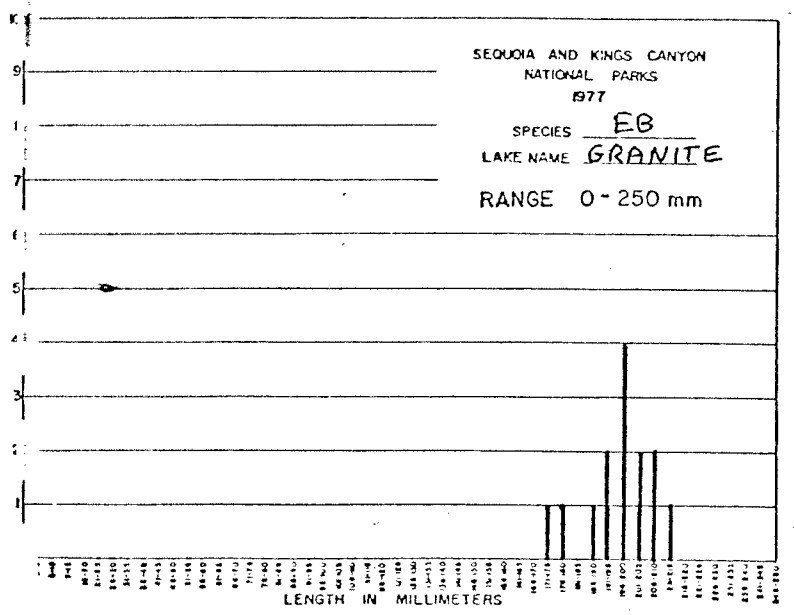
| TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. | TYPE | YR | NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

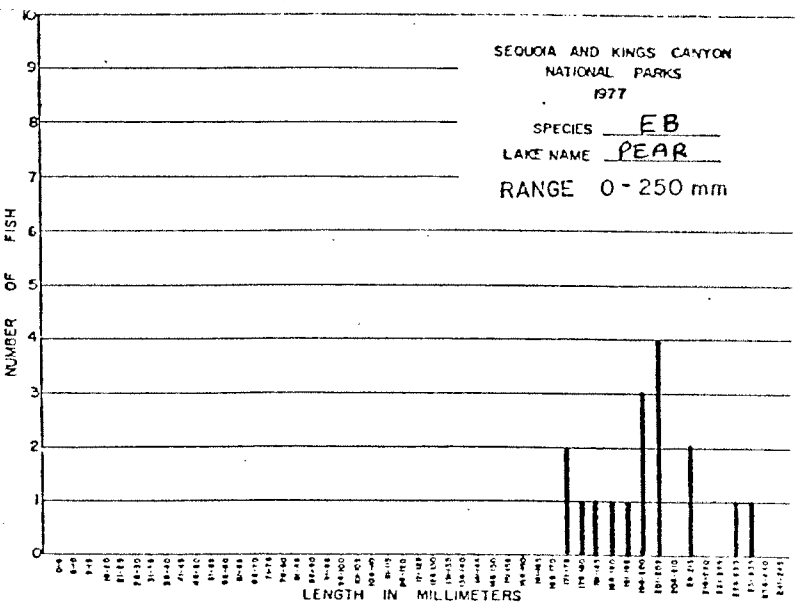
EB

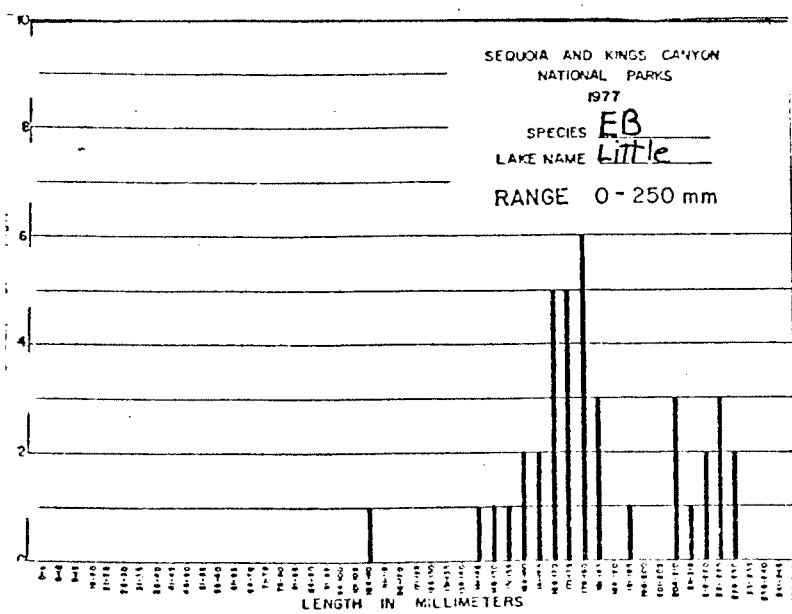
0 - 250

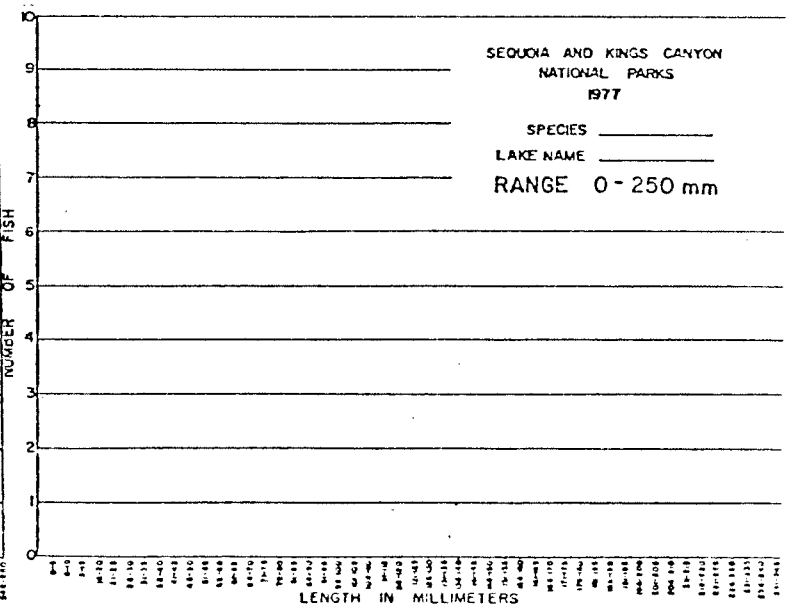

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME ASTER
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME MT. PINCHOT 2
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME GRANITE
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

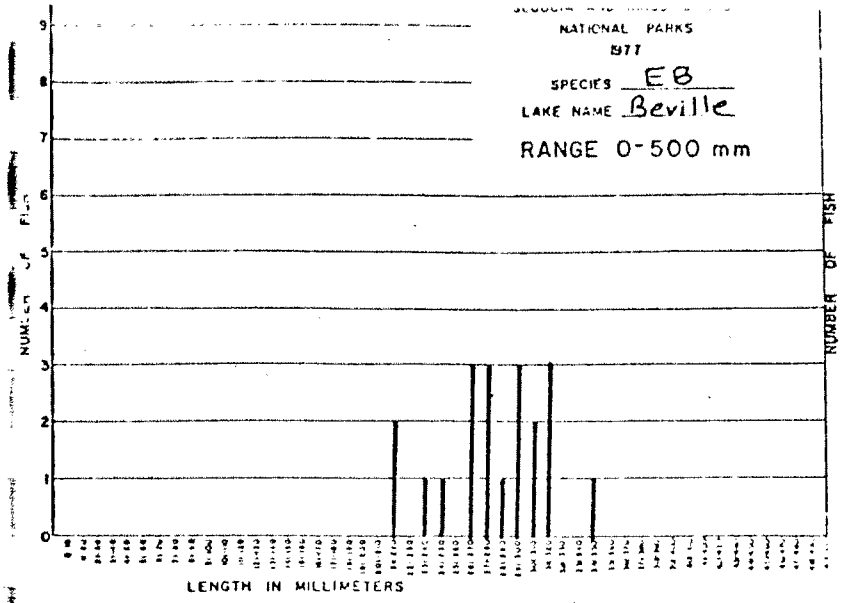

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME PEAR
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

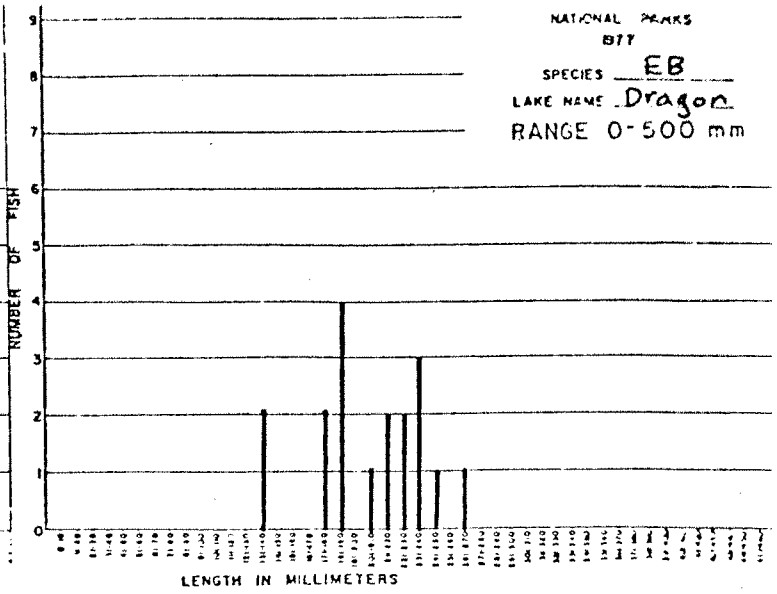

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Little
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

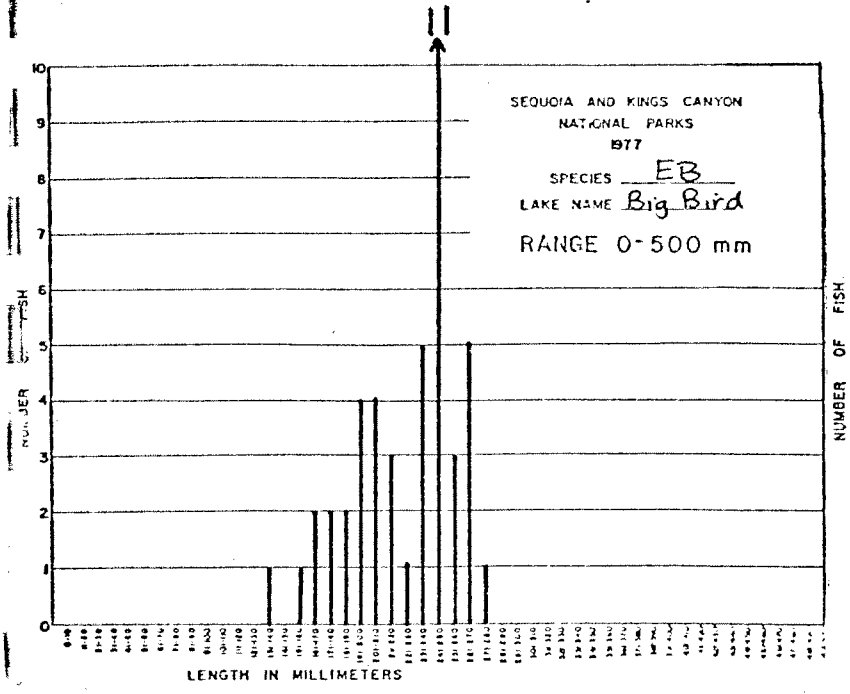

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

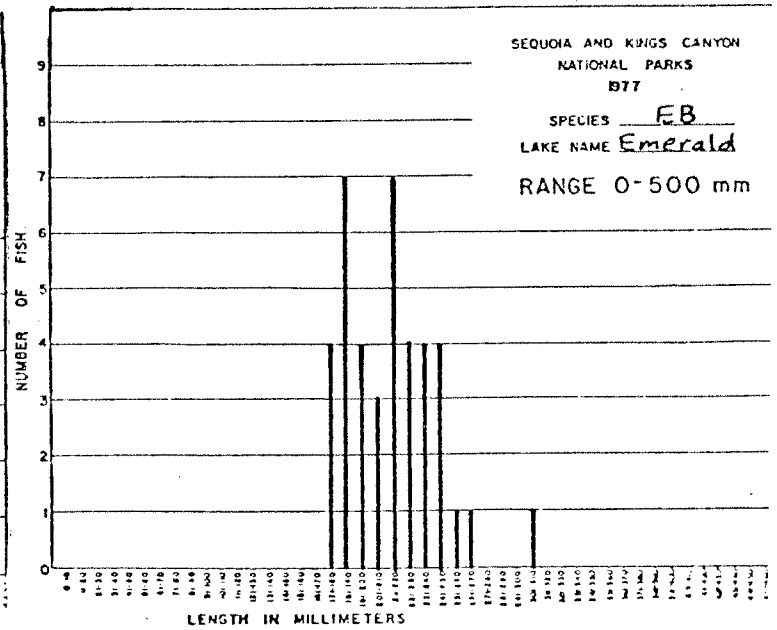
EB

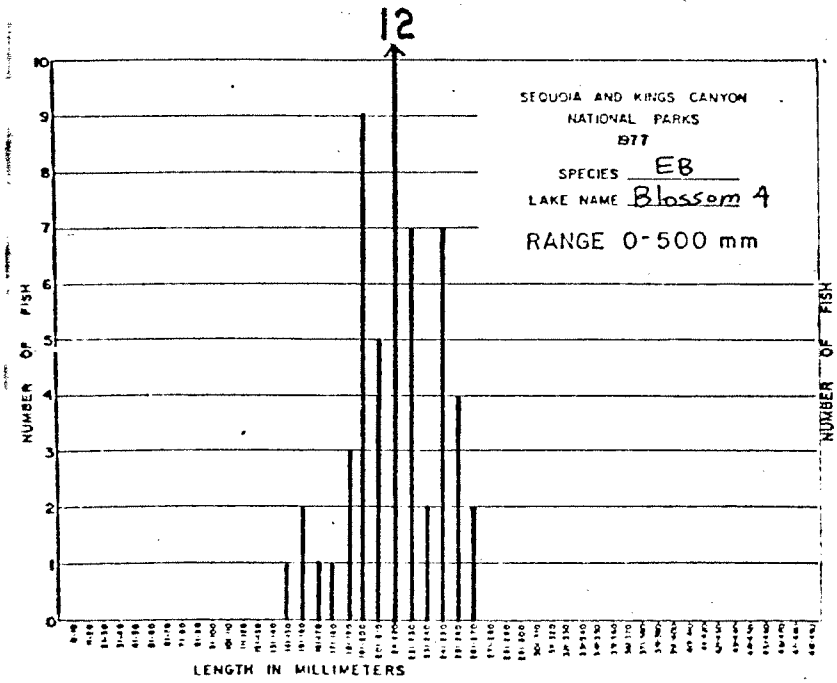
0-500 mm

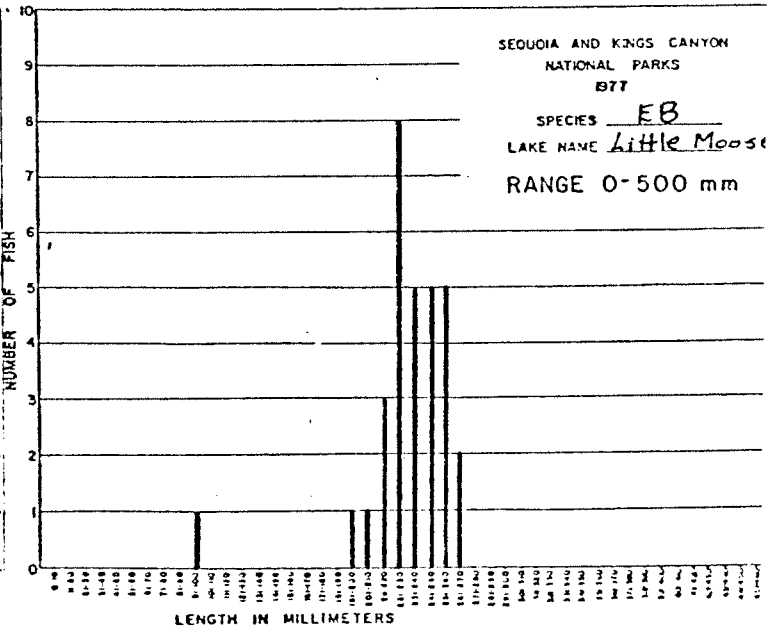

NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Beville
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

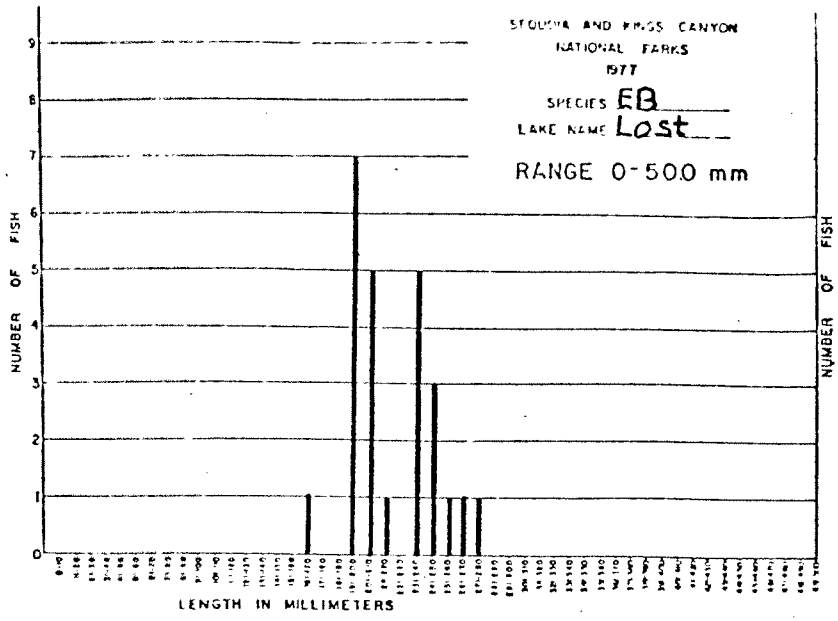

NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Dragon
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

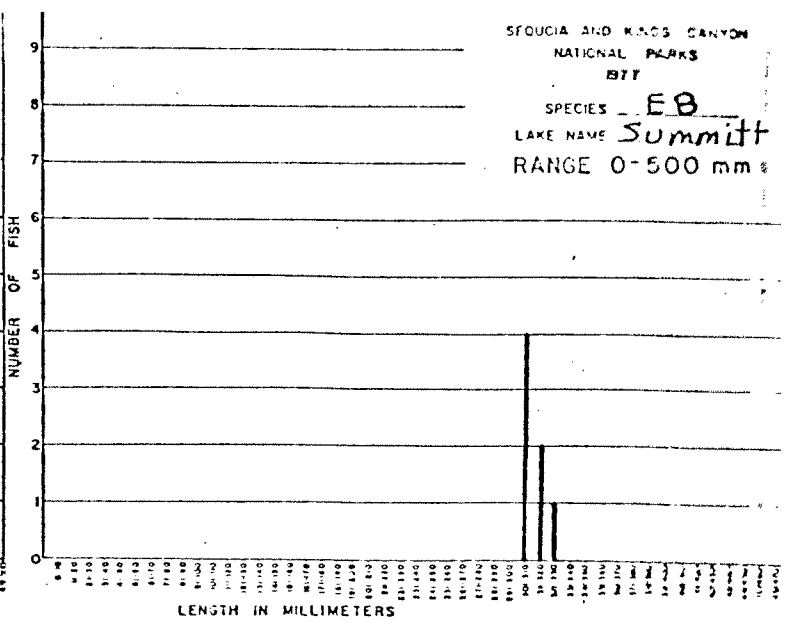

11
SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Big Bird
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

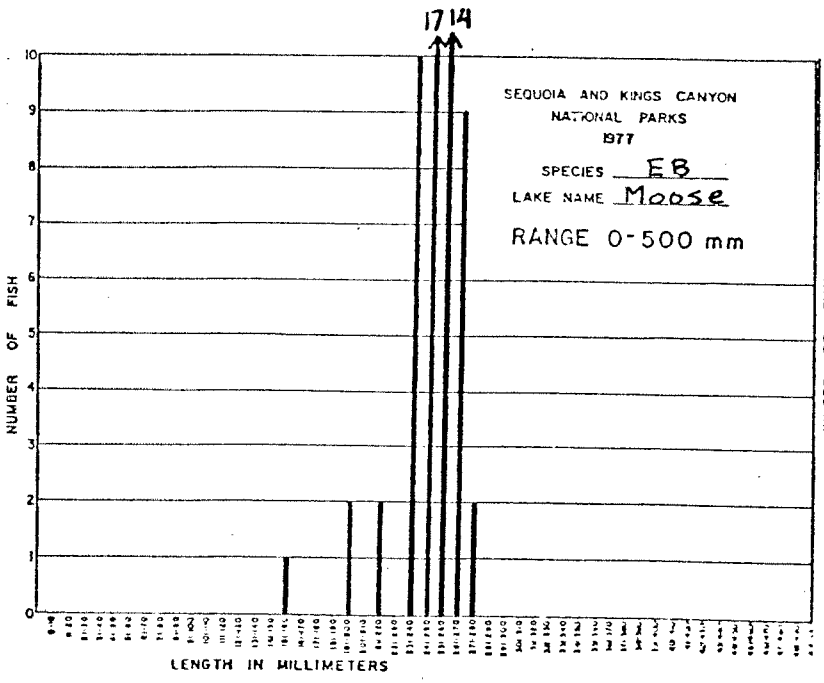

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Emerald
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

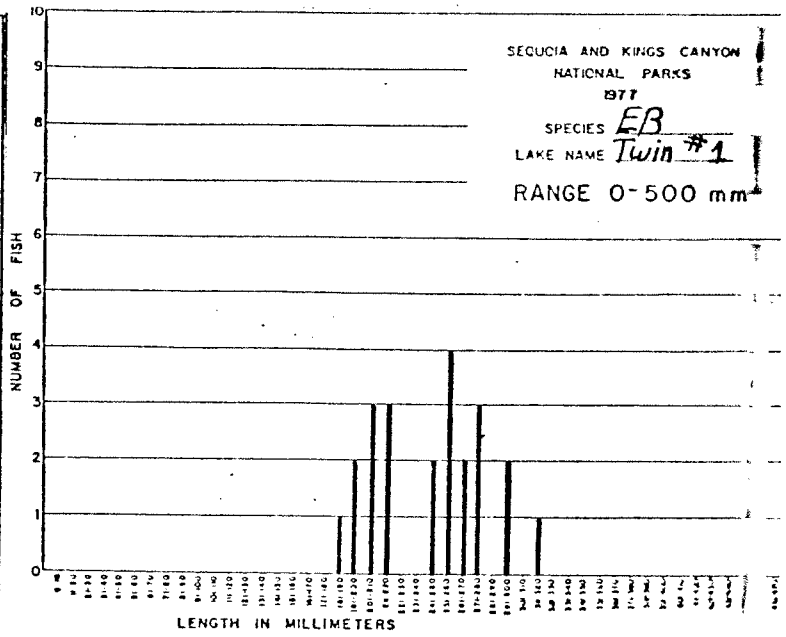

12
SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Blossom 4
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

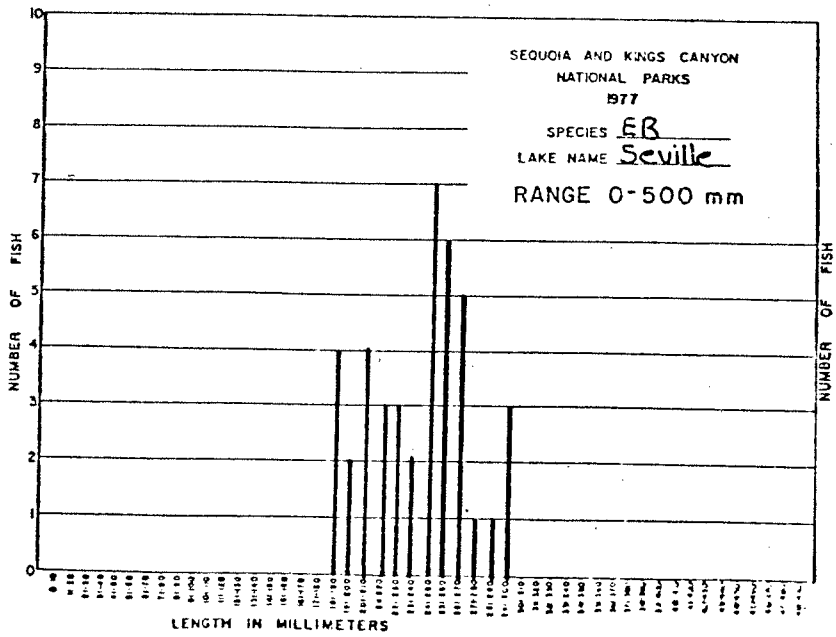

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Little Moose
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

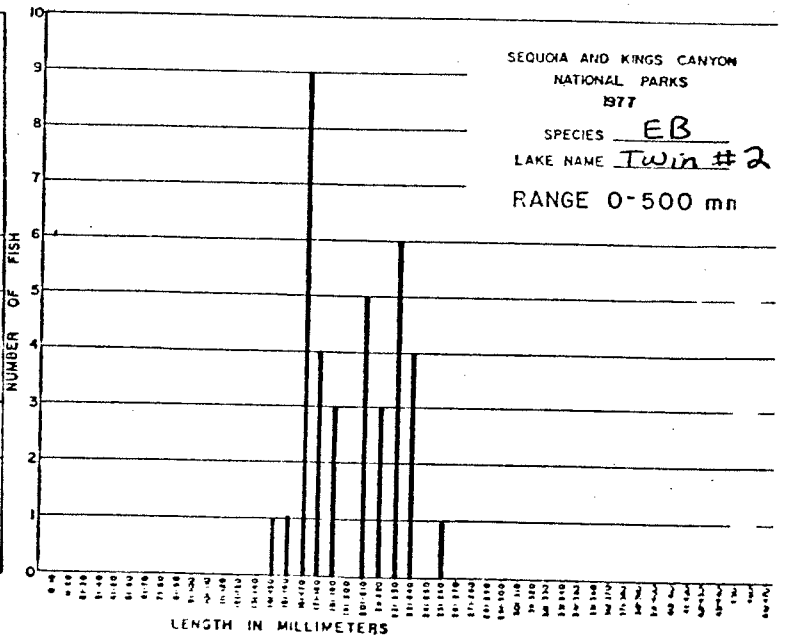

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Lost
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

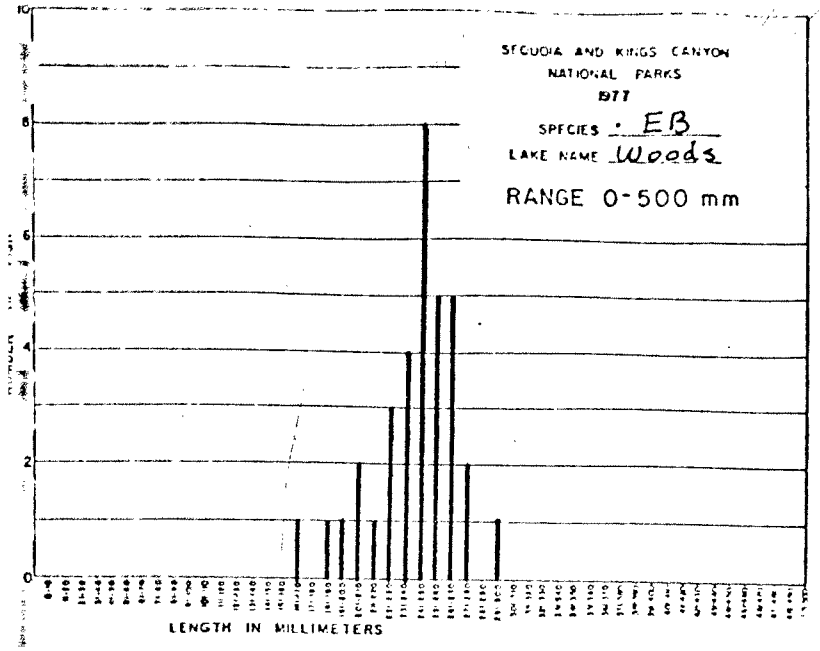

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Summitt
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

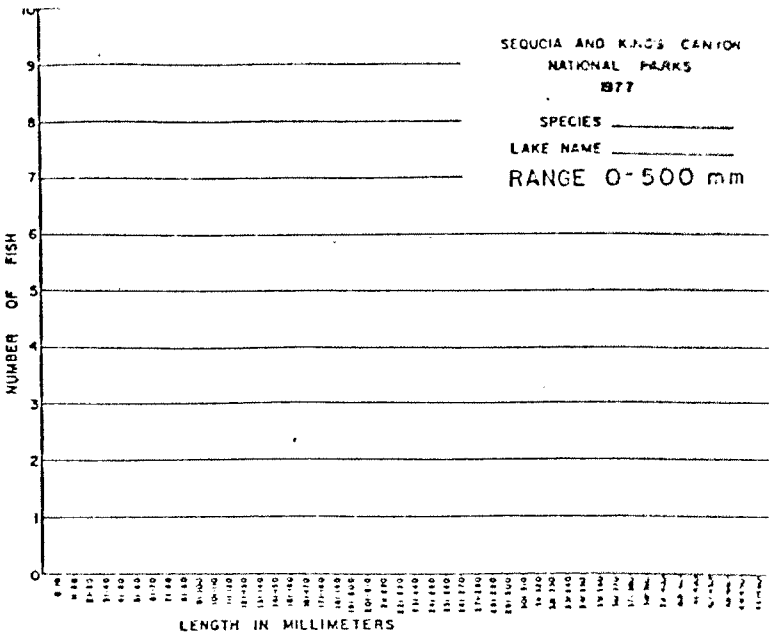

17 14
SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Moose
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

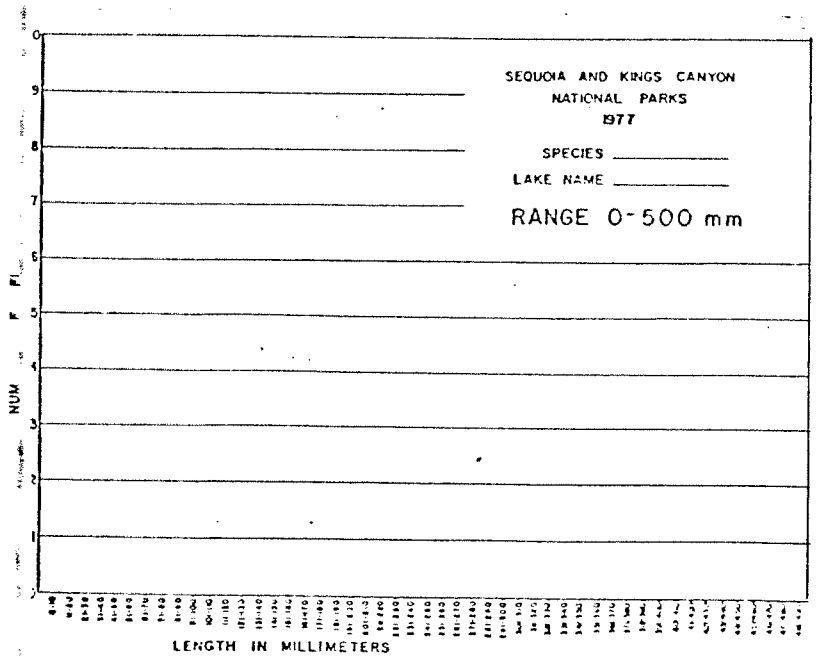

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Twin #1
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

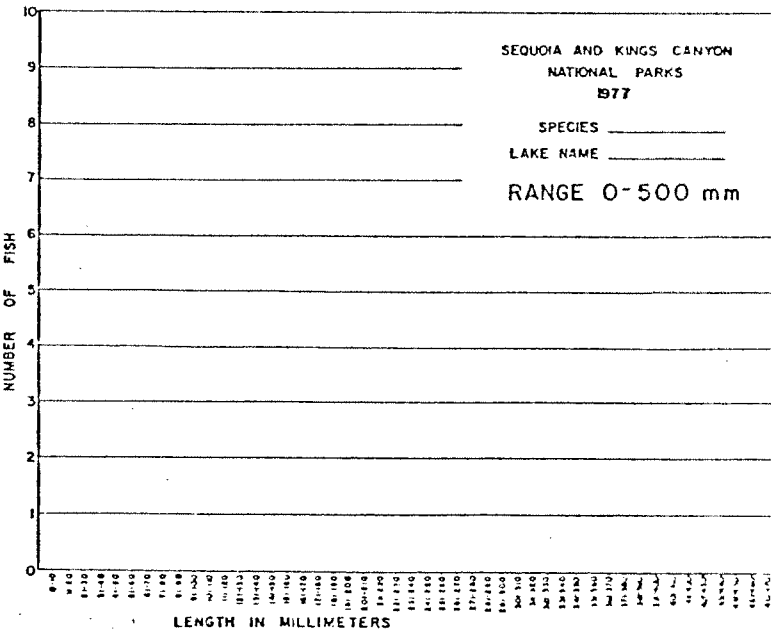

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Seville
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

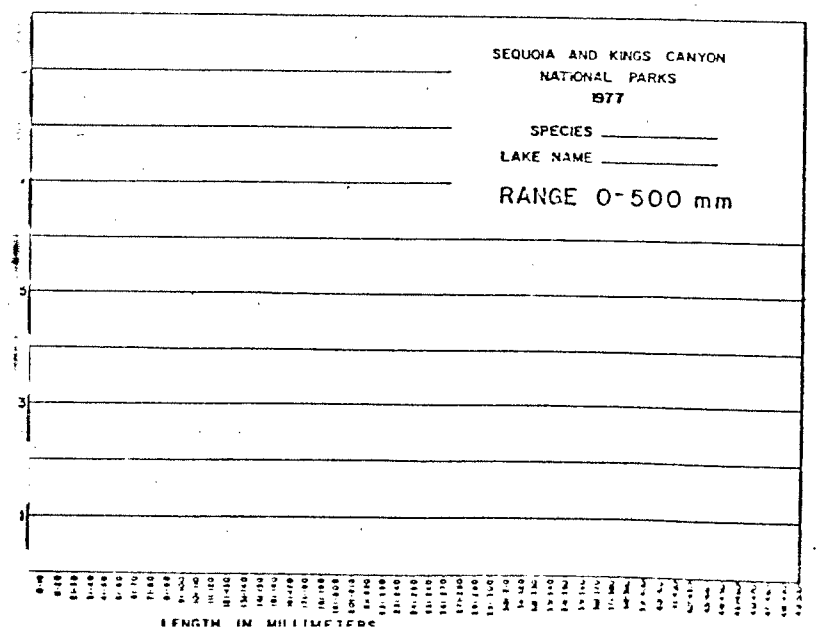

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Twin #2
RANGE 0-500 mn
NUMBER OF FISH
LENGTH IN MILLIMETERS

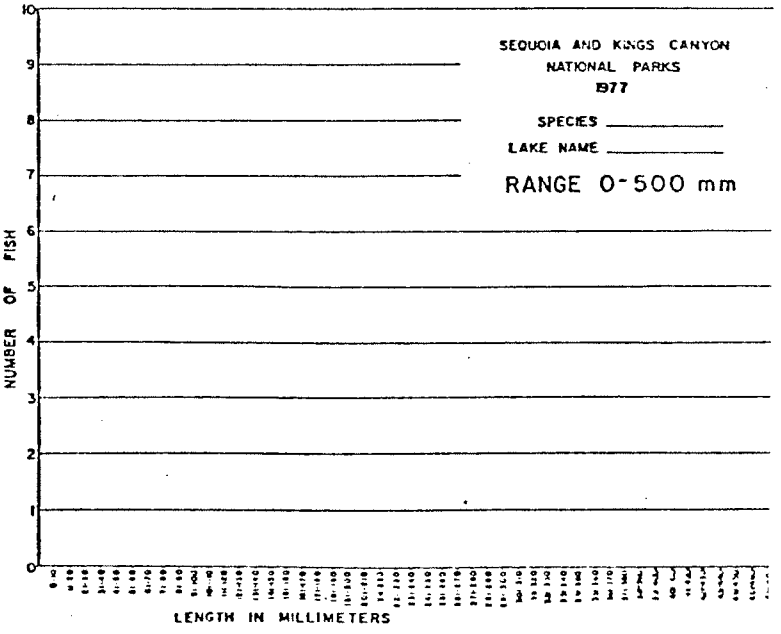

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES EB
LAKE NAME Woods
RANGE 0-500 mm
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
LENGTH IN MILLIMETERS

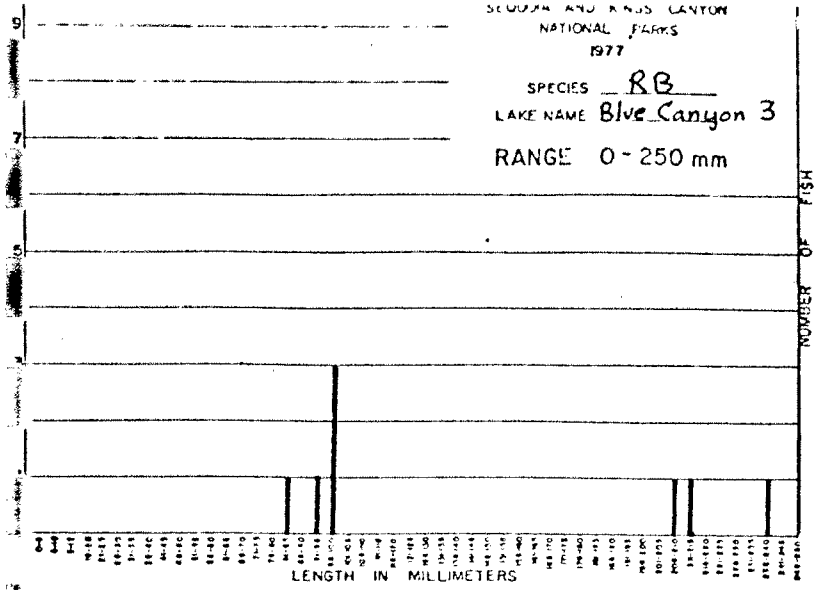

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

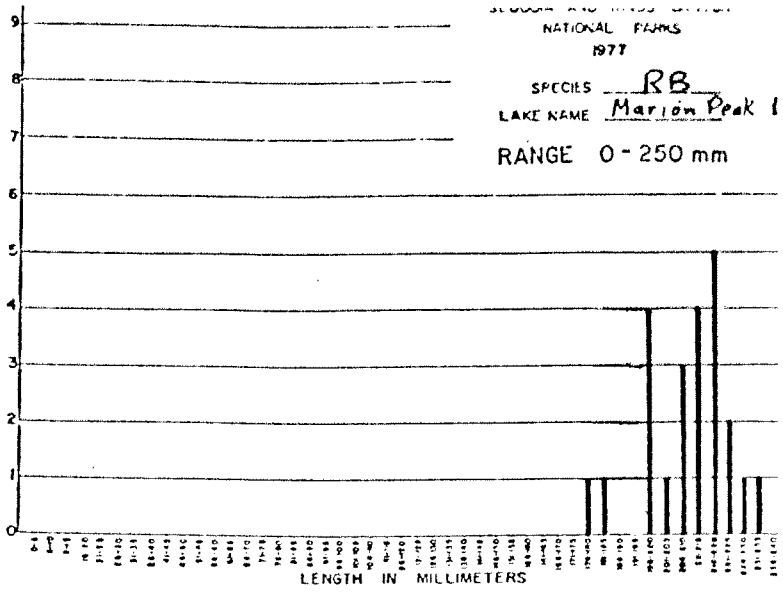

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm

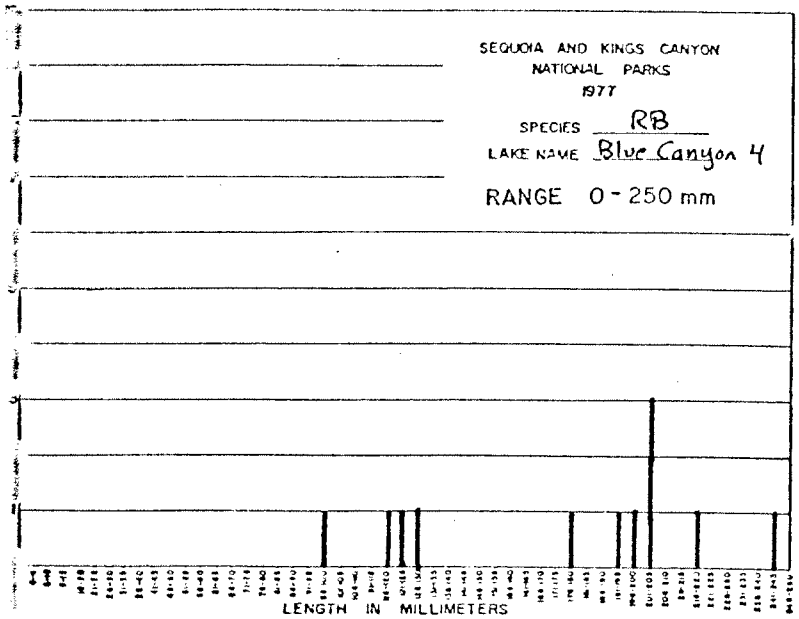

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

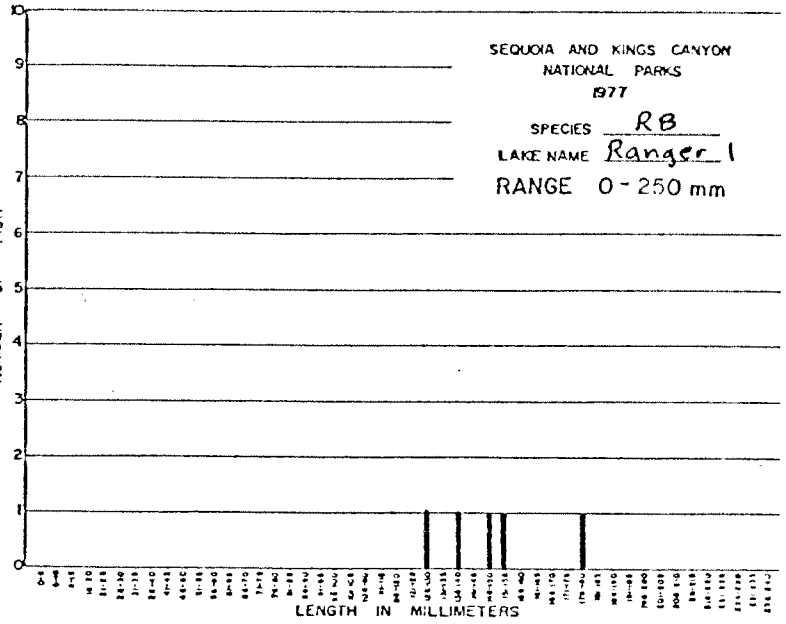
RB

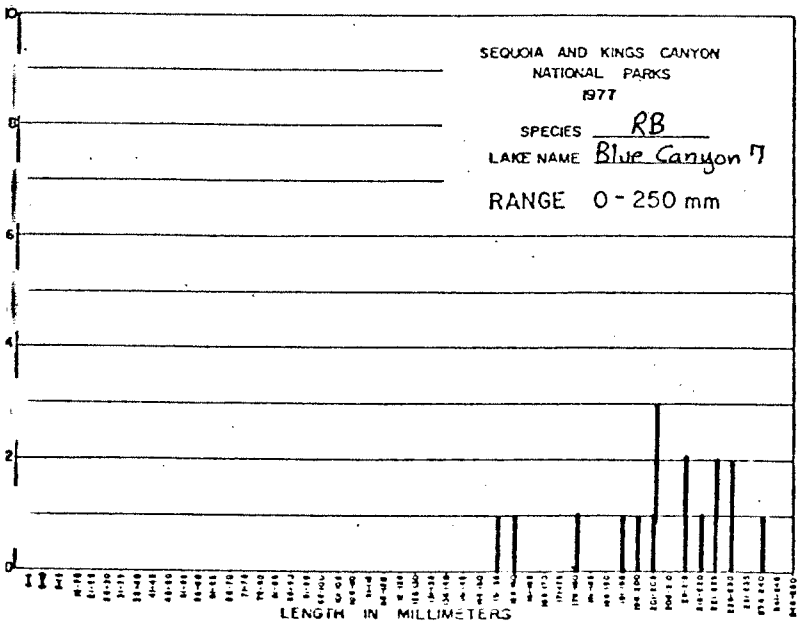
0-250

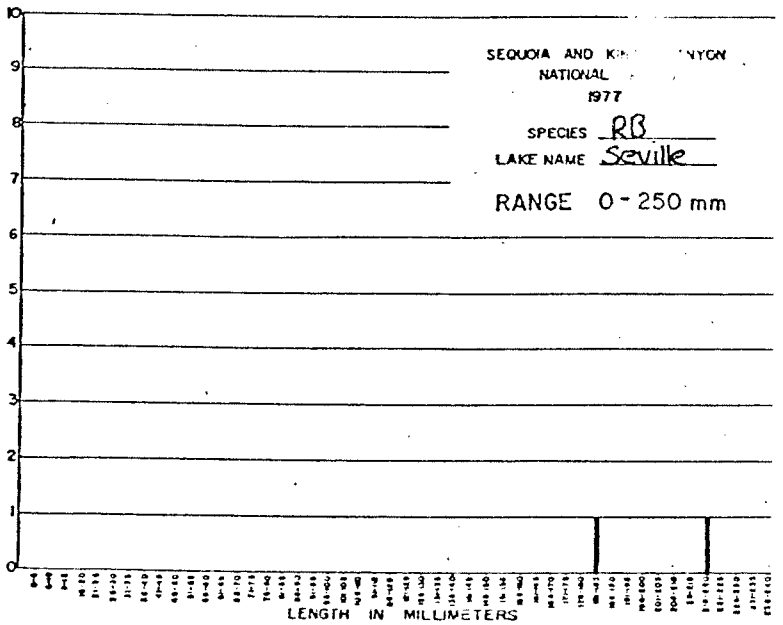

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon 3
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

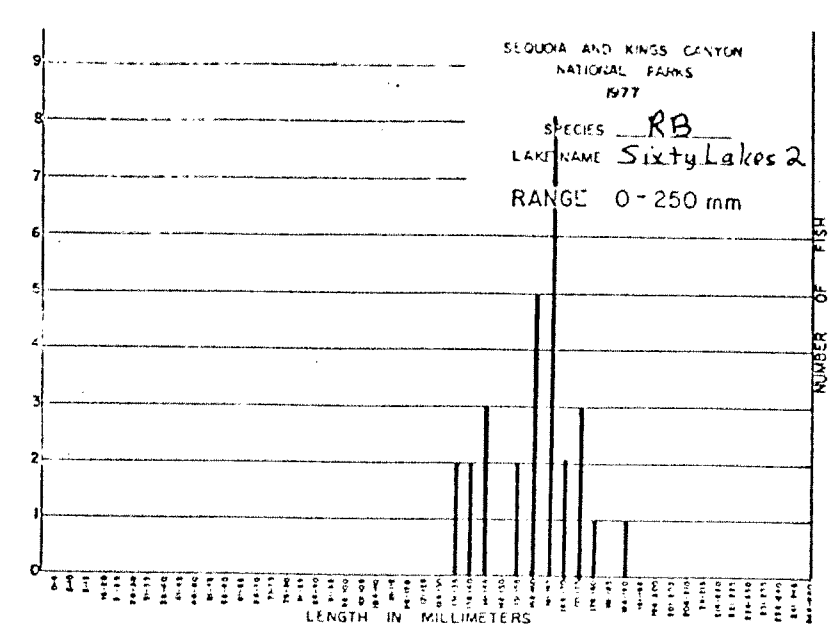

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Marion Peak 1
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

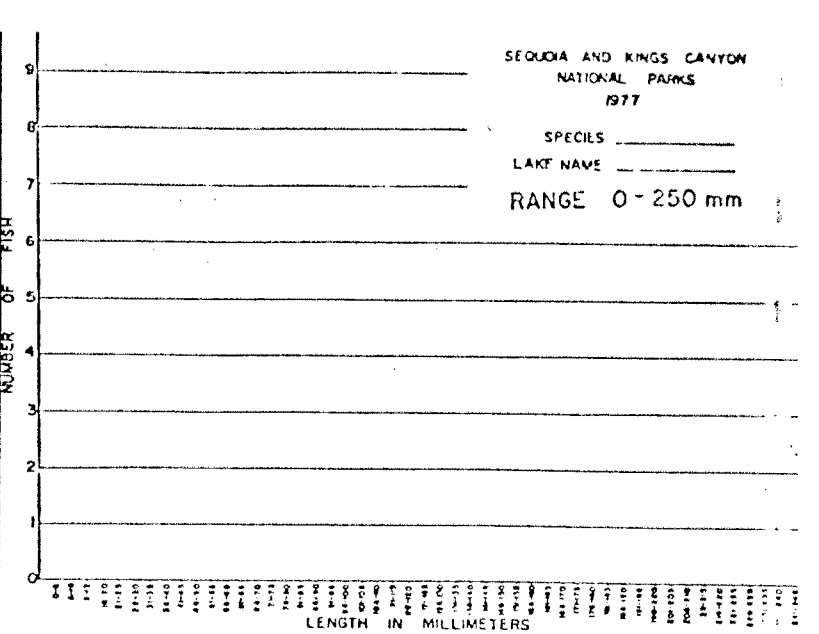

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon 4
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

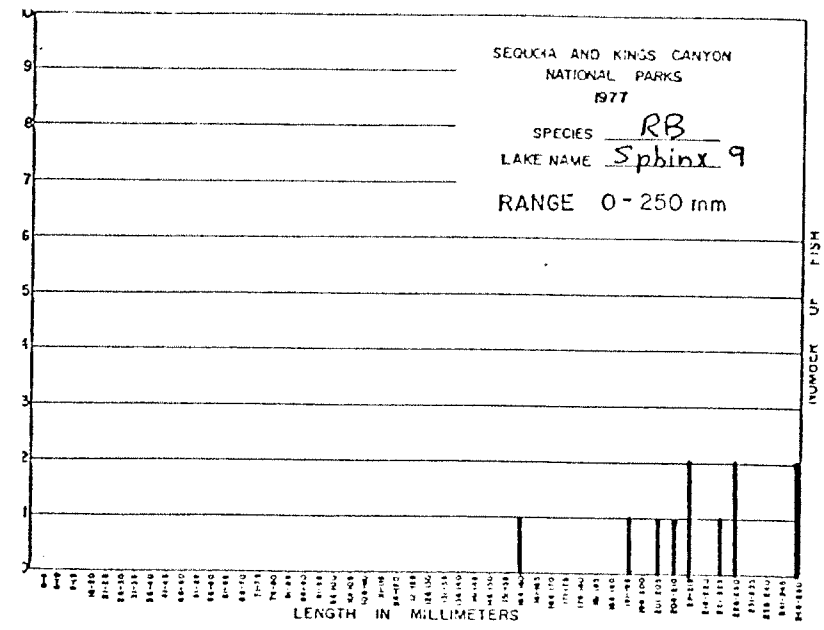

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Ranger 1
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

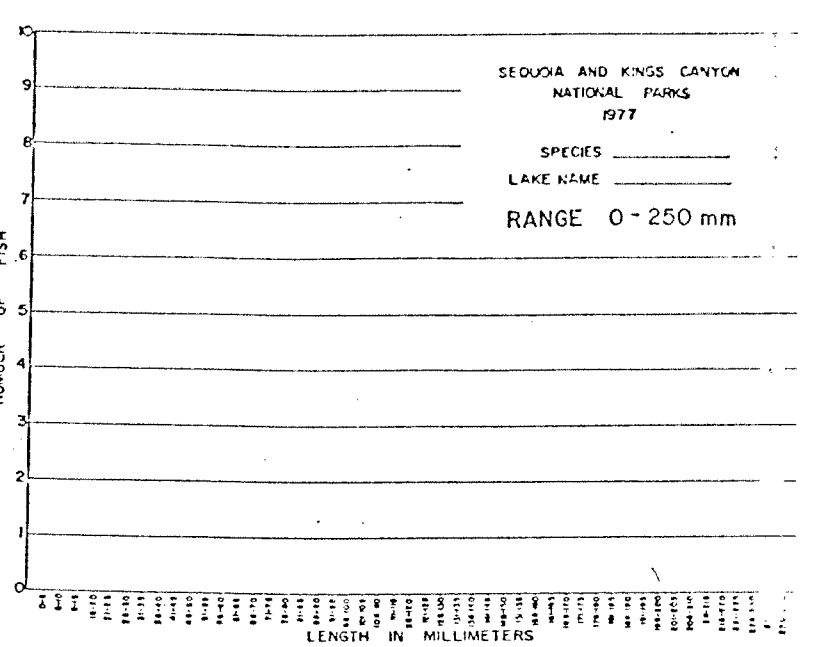

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon 7
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

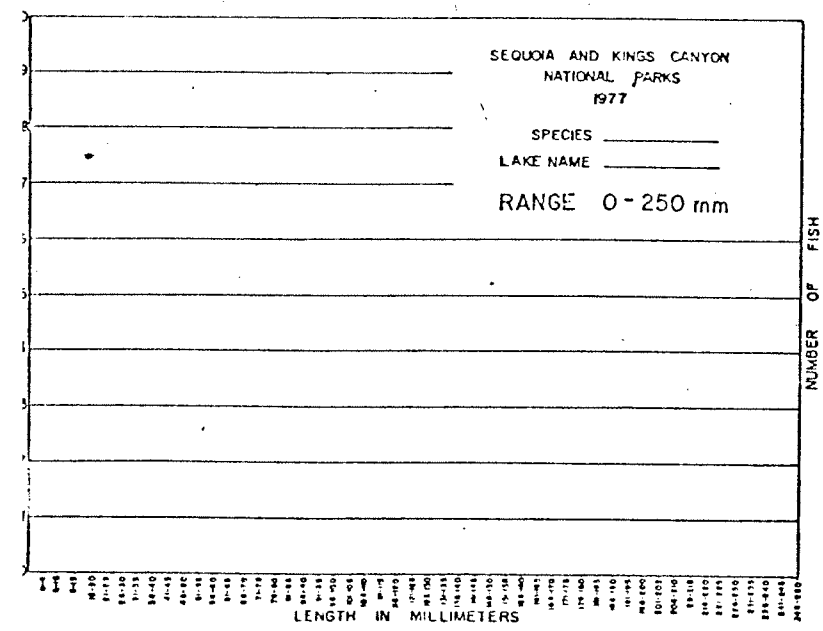

NATIONAL
1977
SPECIES RB
LAKE NAME Seville
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

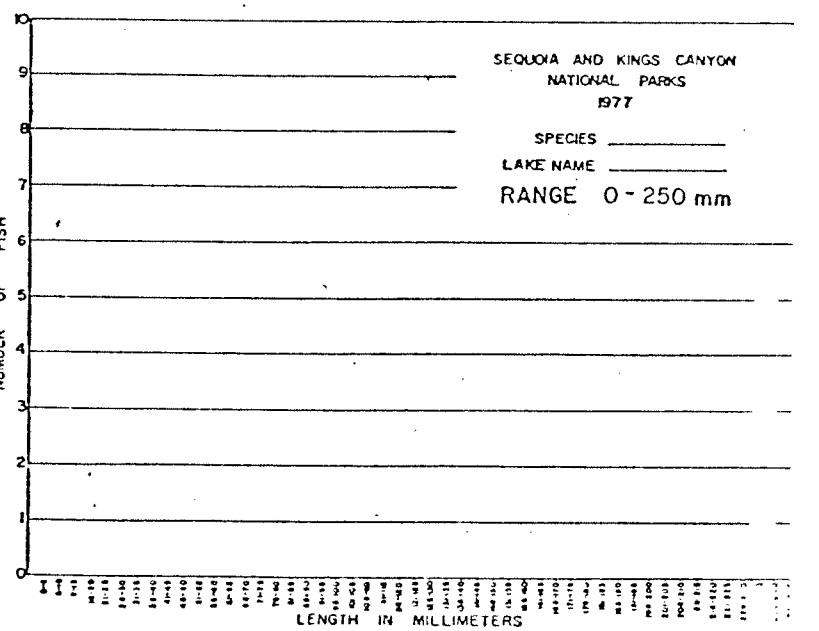

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Sixty Lakes 2
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Sphinx 9
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

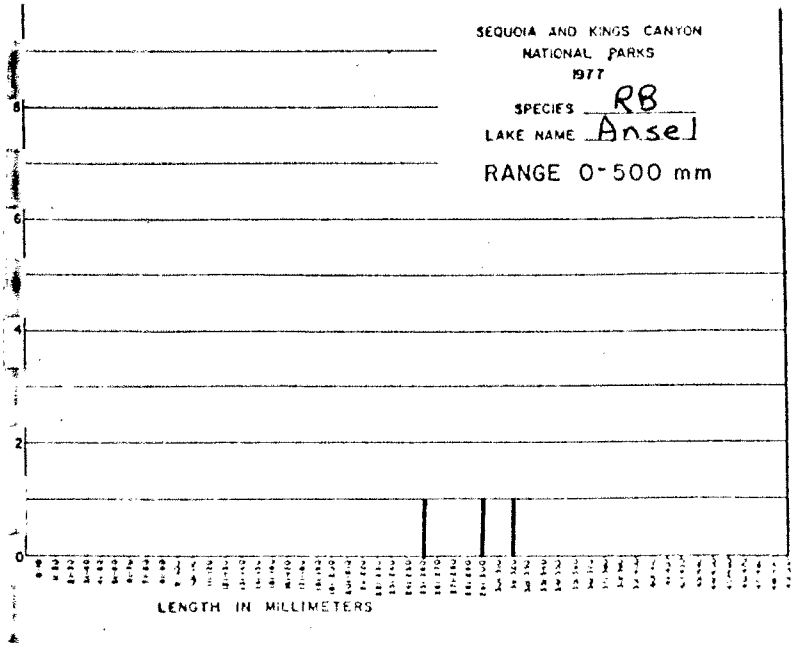

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

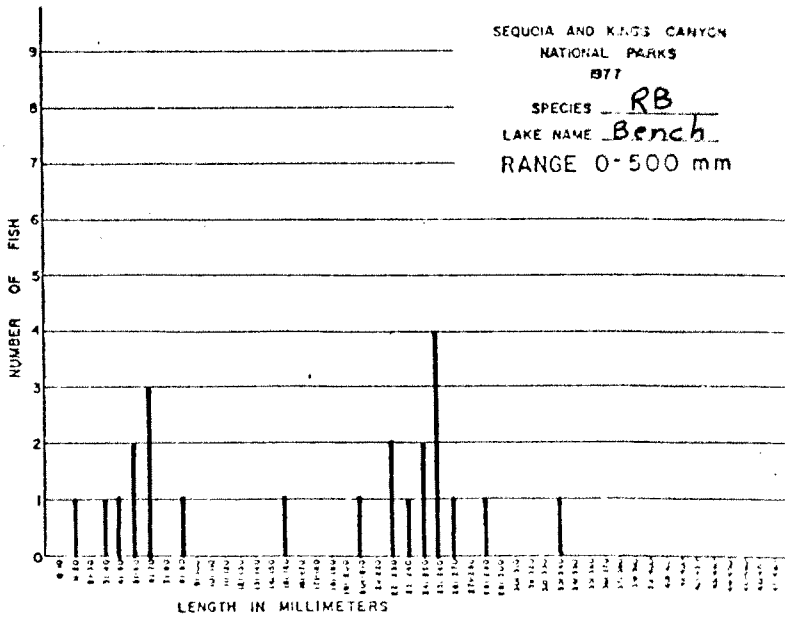

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

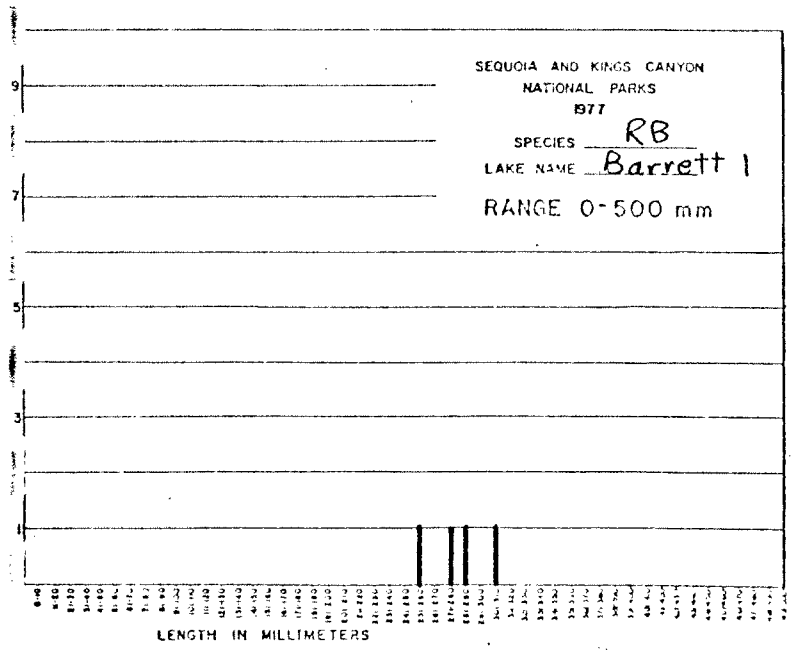

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

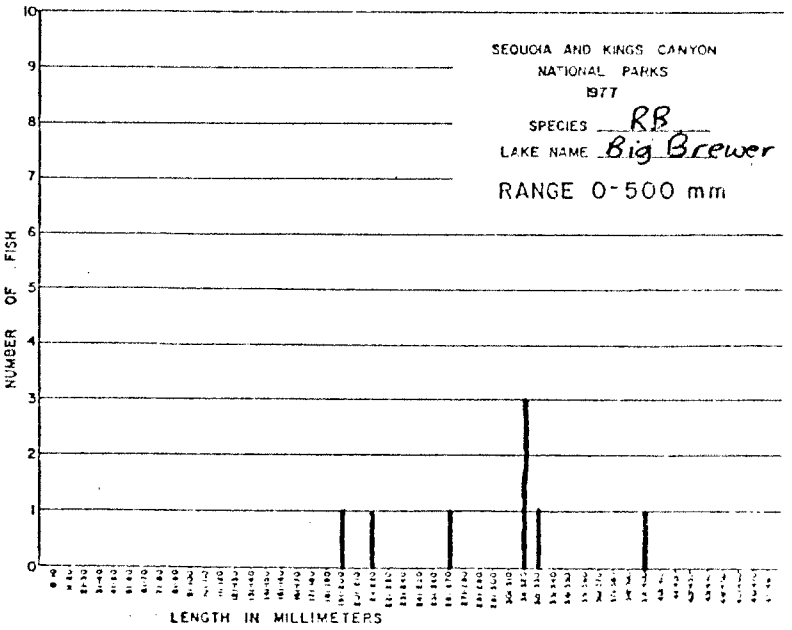
RB

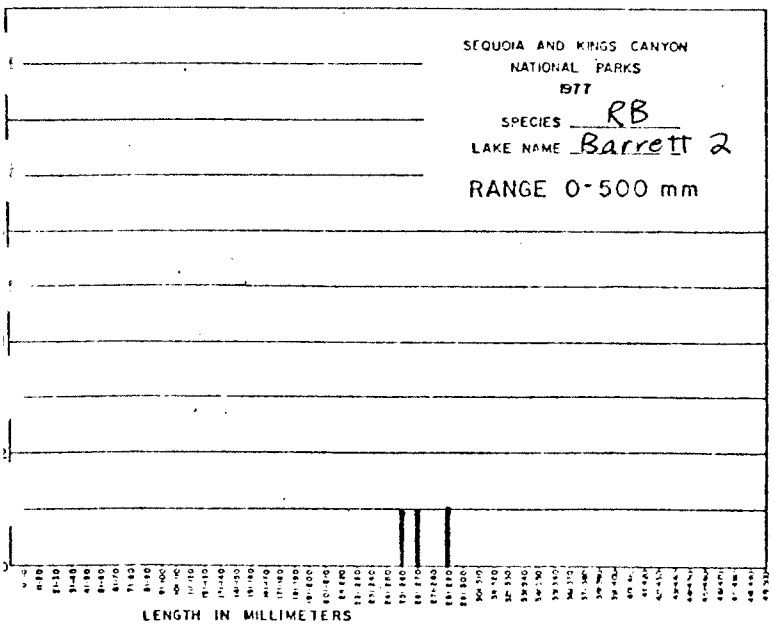
0-500

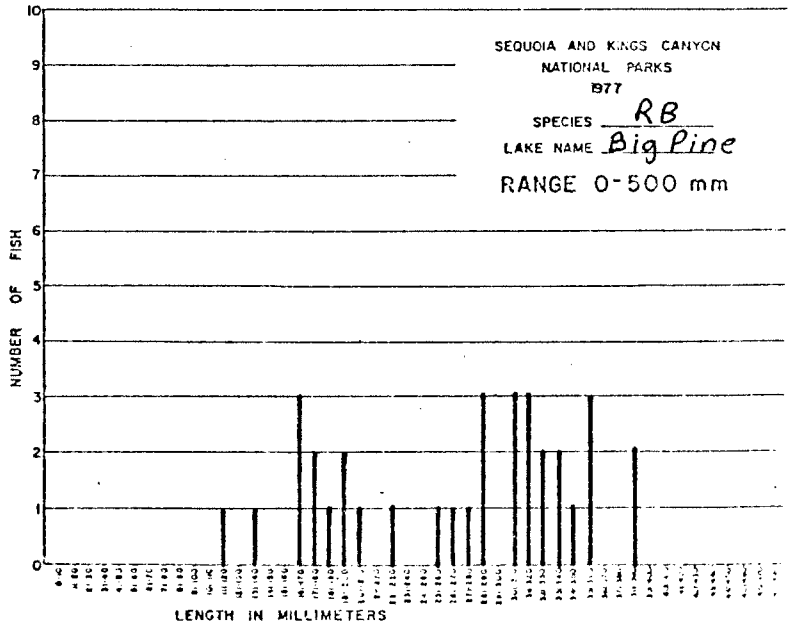

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Ansel
RANGE 0-500 mm
LENGTH IN MILLIMETERS

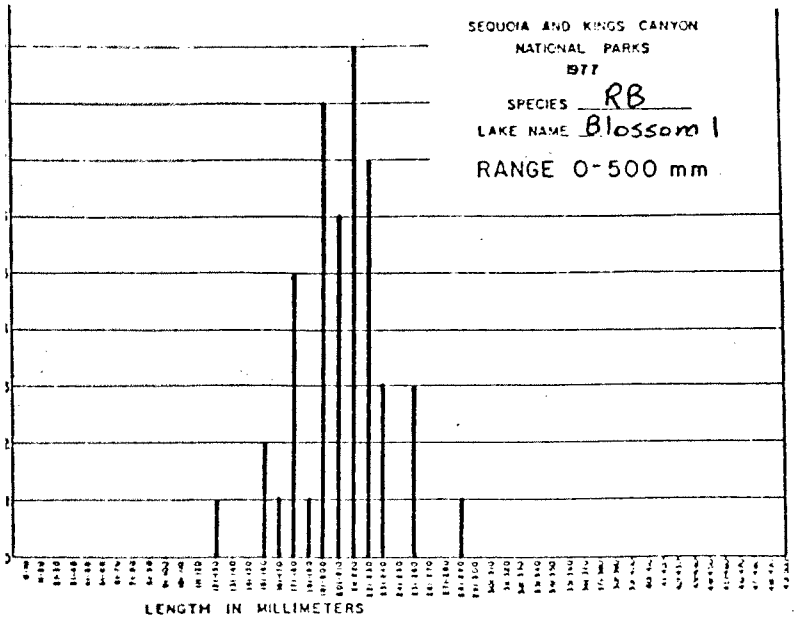

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Bench
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

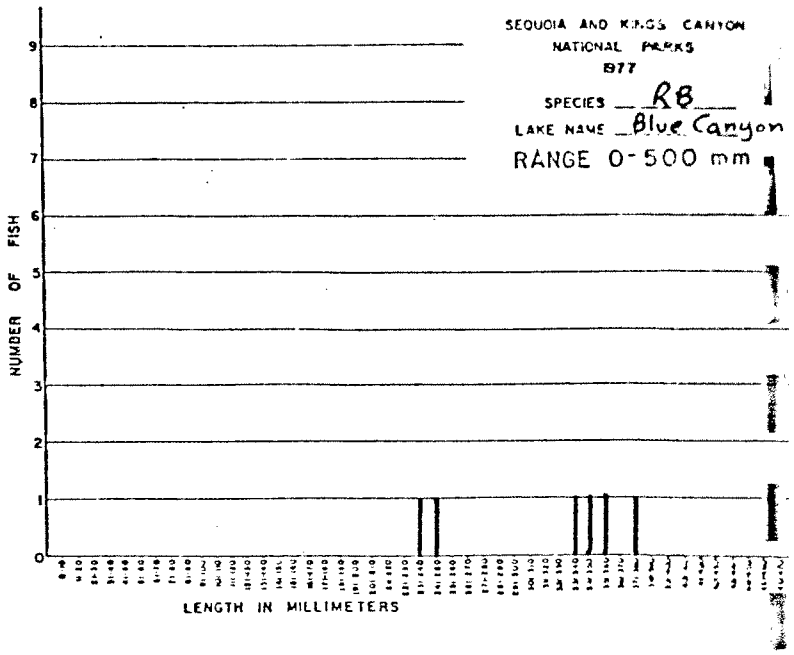

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Barrett 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

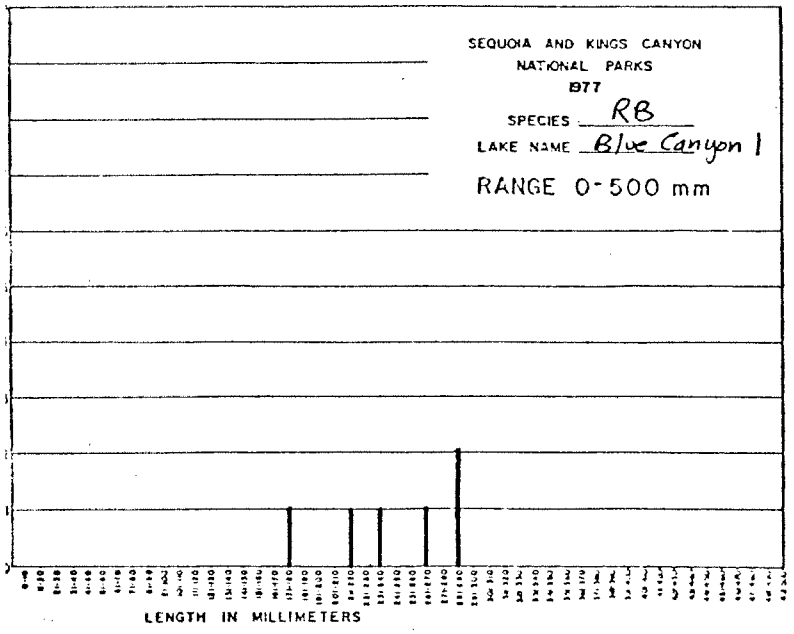

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Big Brewer
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

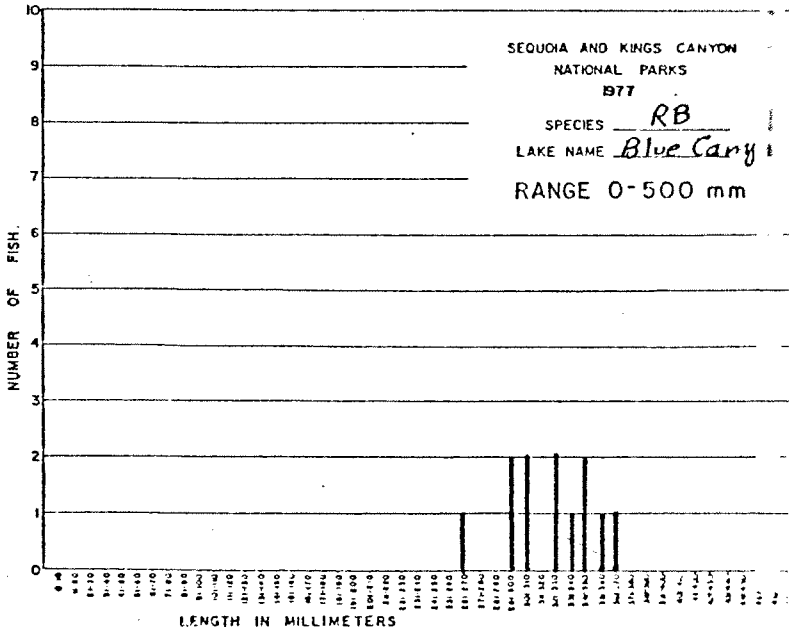

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Barrett 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

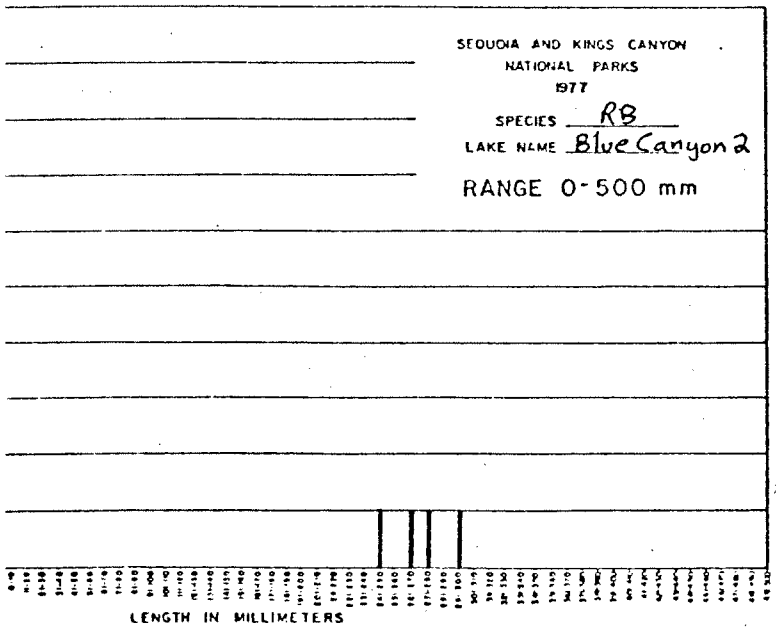

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Big Pine
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

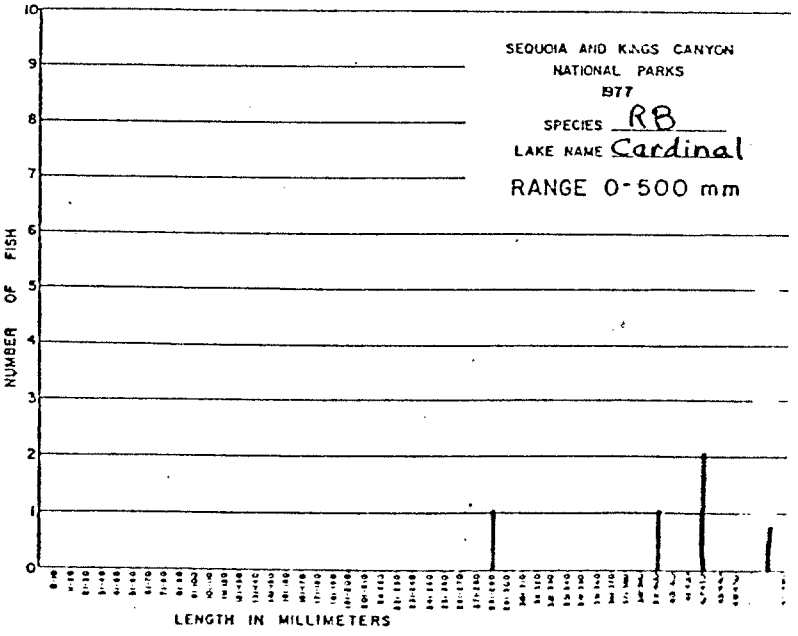

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blossom 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

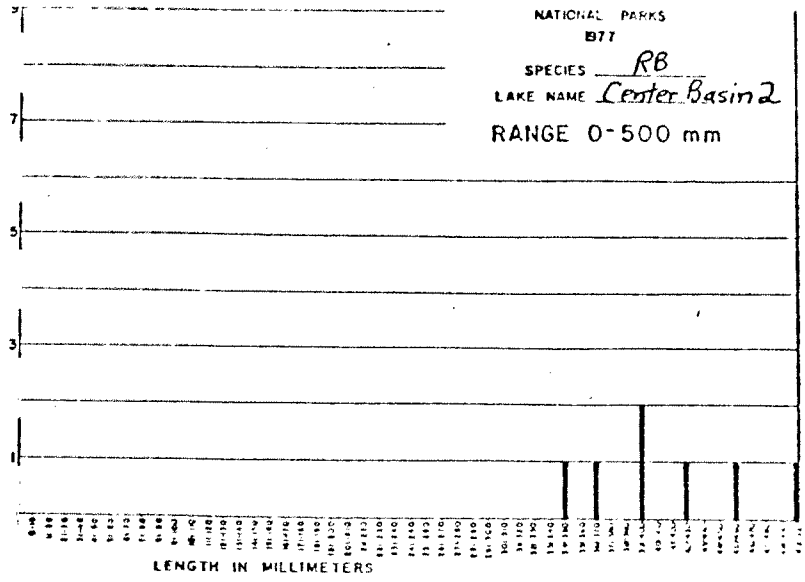

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

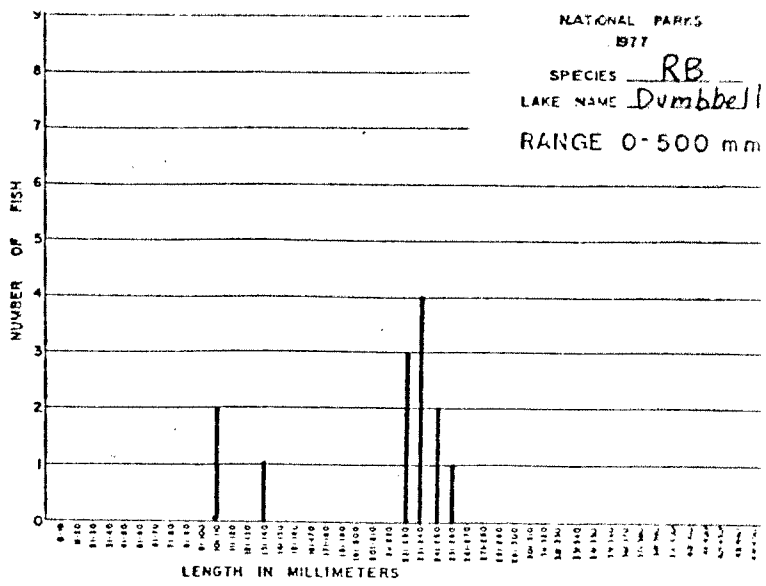

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

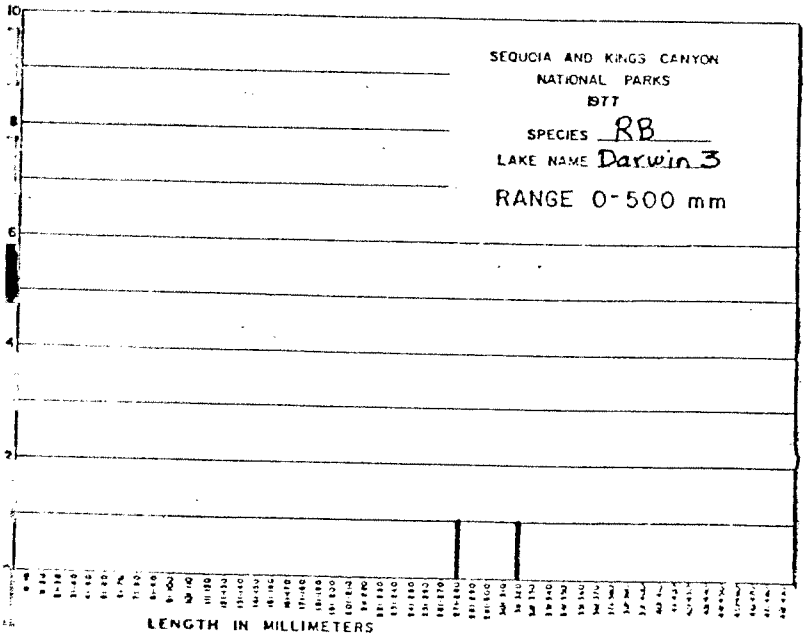

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

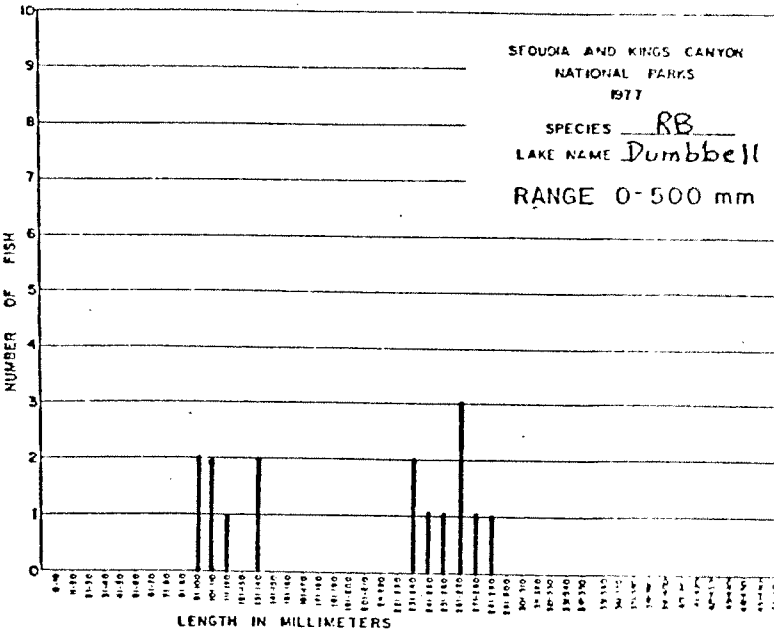

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Blue Canyon 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

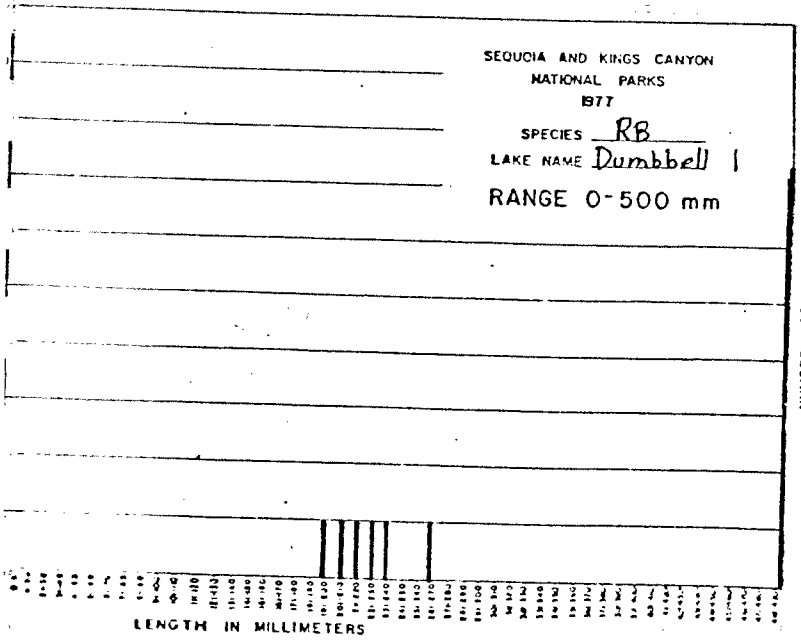

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Cardinal
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

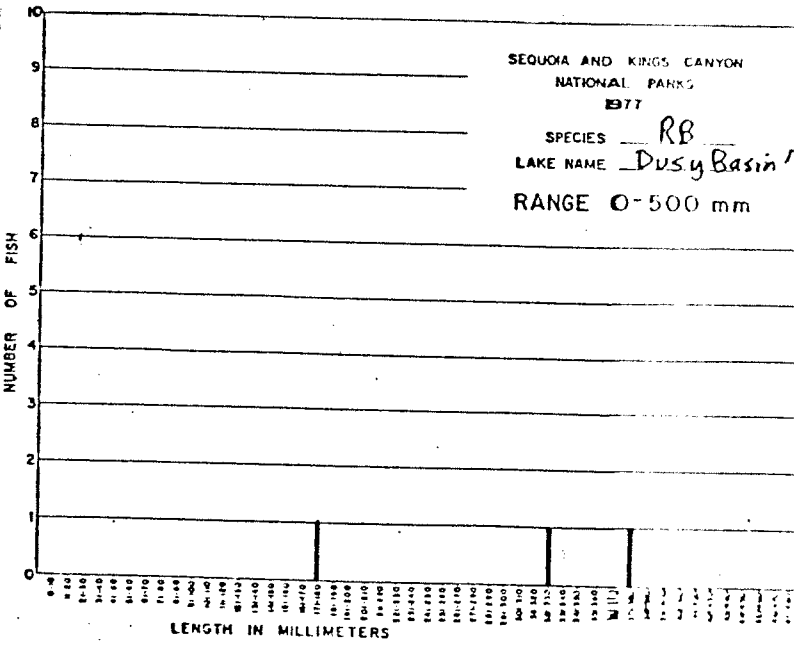

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Center Basin 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

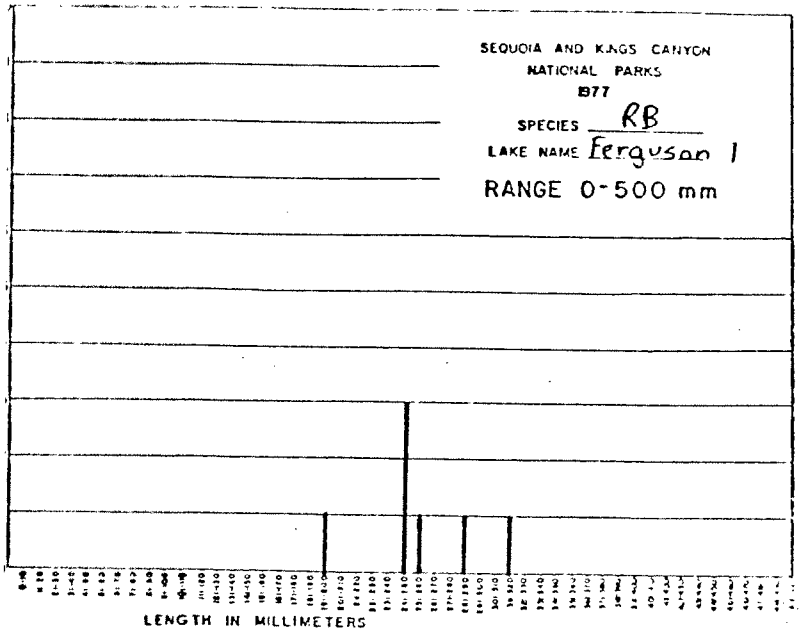

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Dumbbell
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

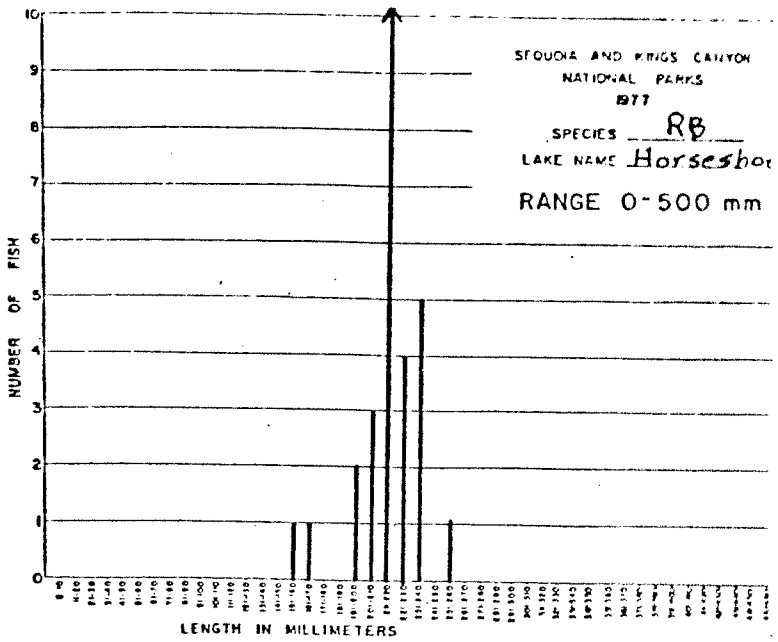

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Darwin 3
RANGE 0-500 mm
LENGTH IN MILLIMETERS

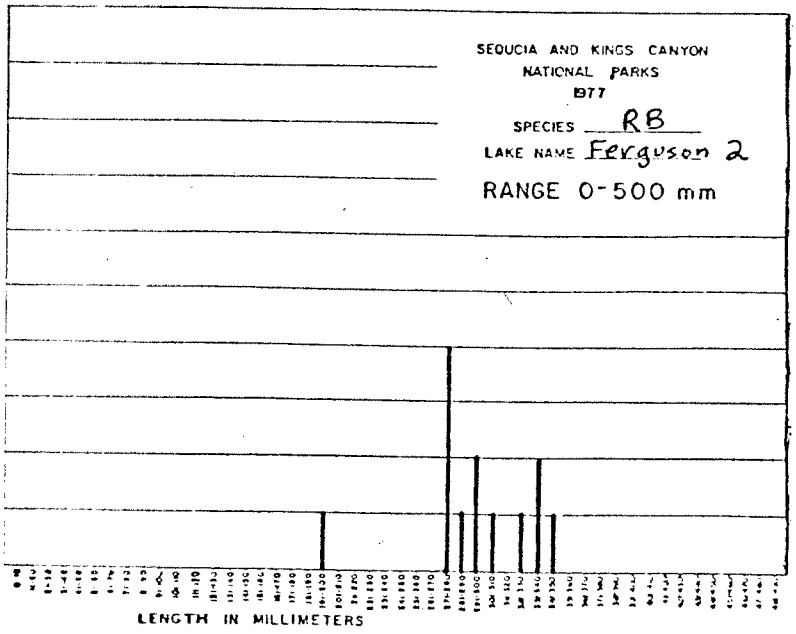

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Dumbbell
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

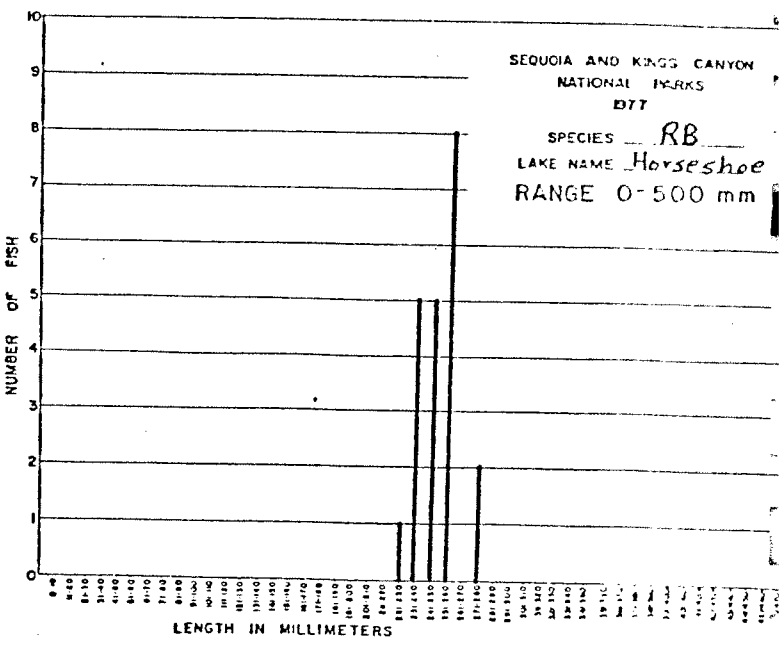

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Dumbbell 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

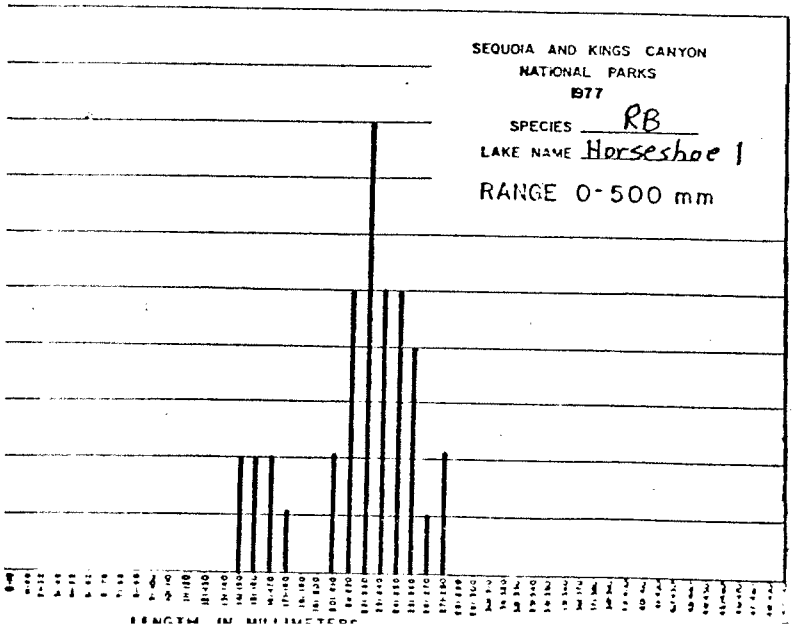

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Dusy Basin 1
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

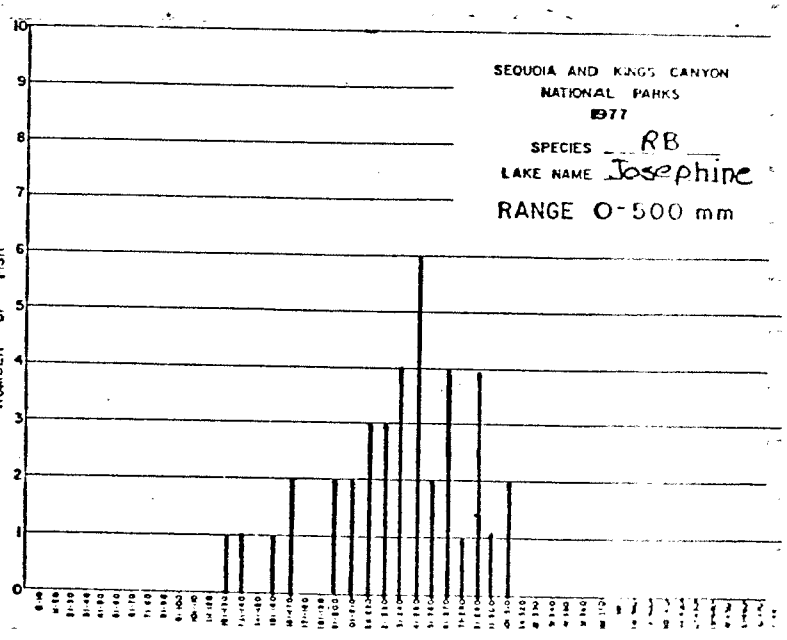

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Ferguson 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

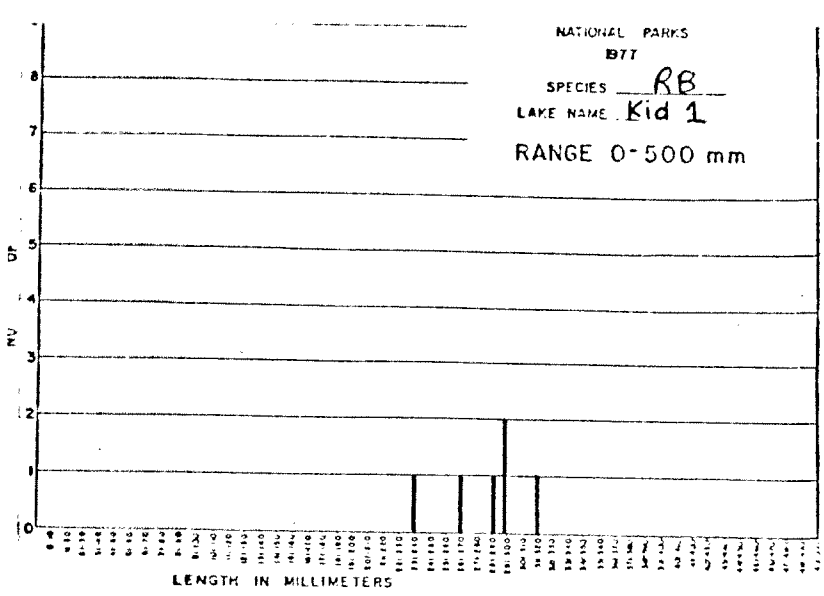

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Horseshoe
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

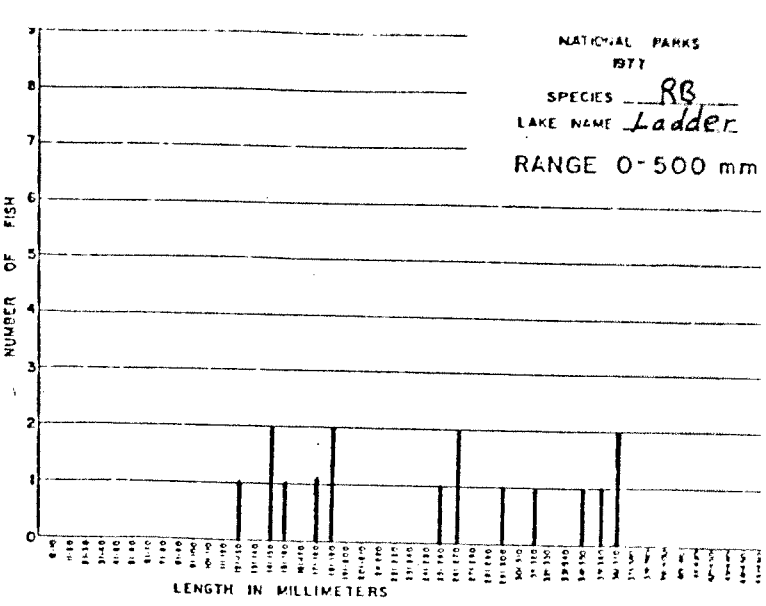

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Ferguson 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

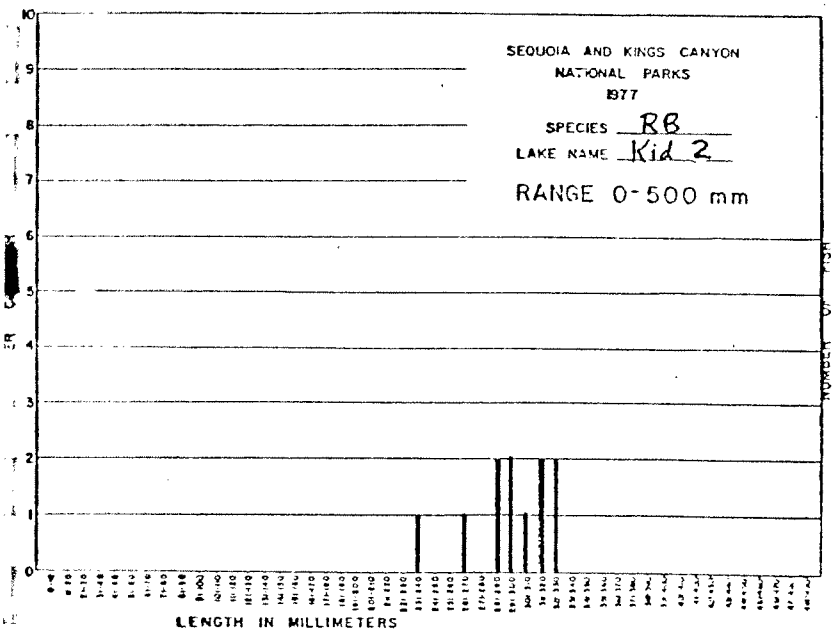

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Horseshoe
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

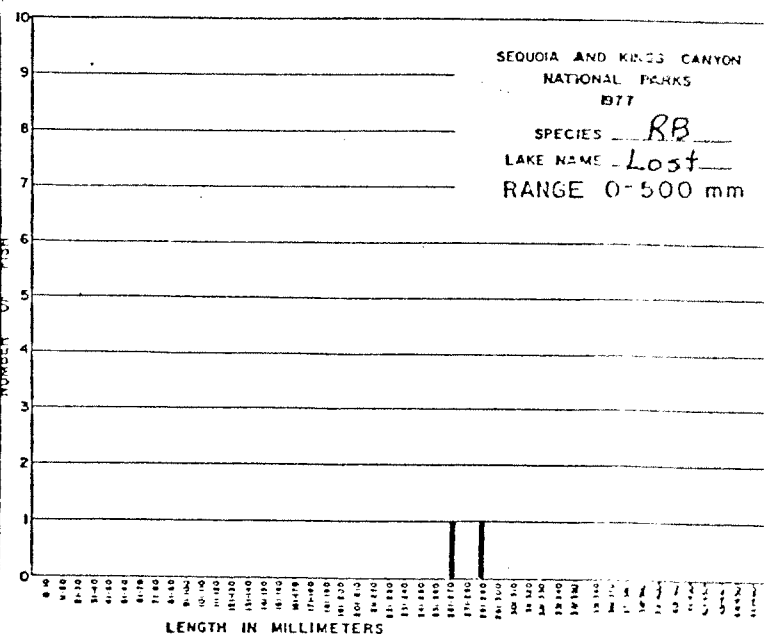

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Horseshoe 1
RANGE 0-500 mm

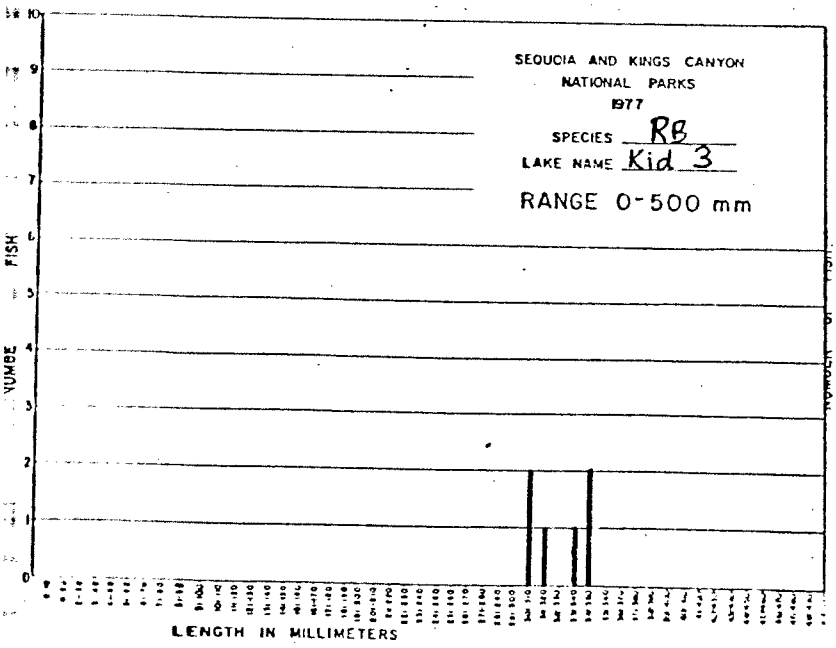

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Josephine
RANGE 0-500 mm
NUMBER OF FISH

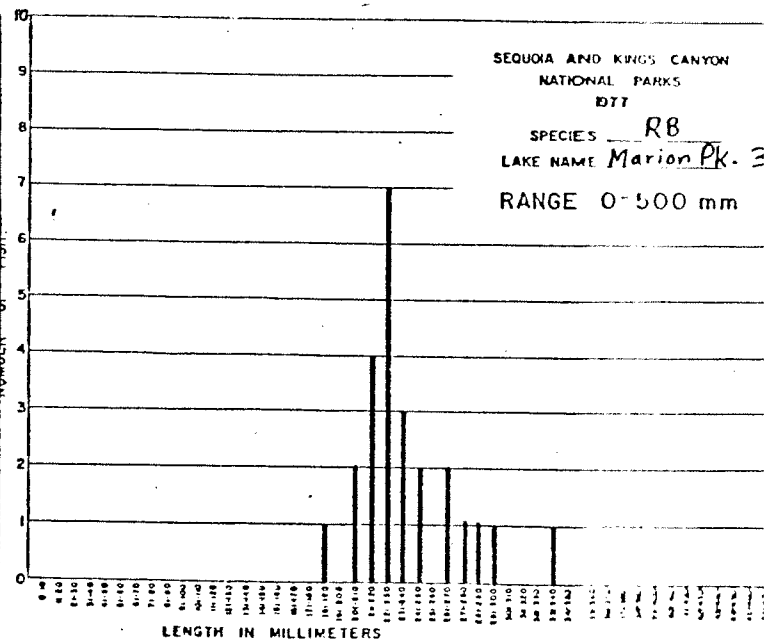

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Kid 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

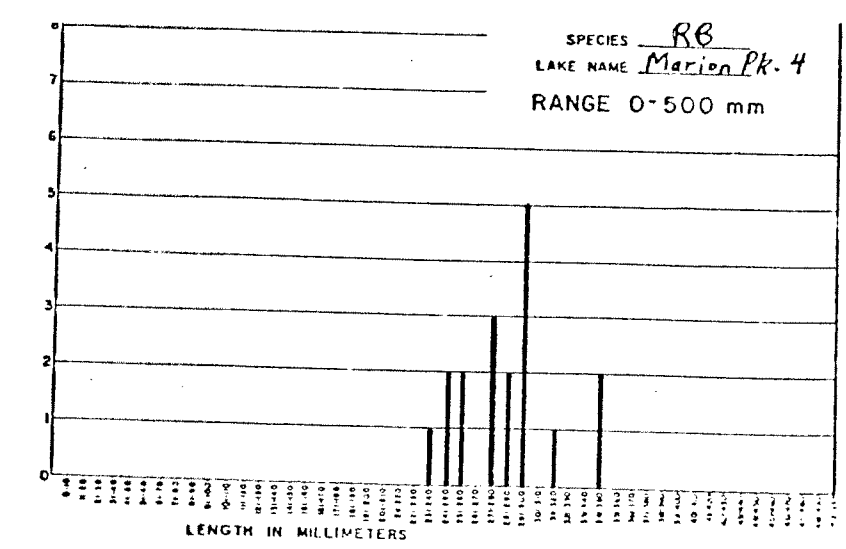

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Ladder
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

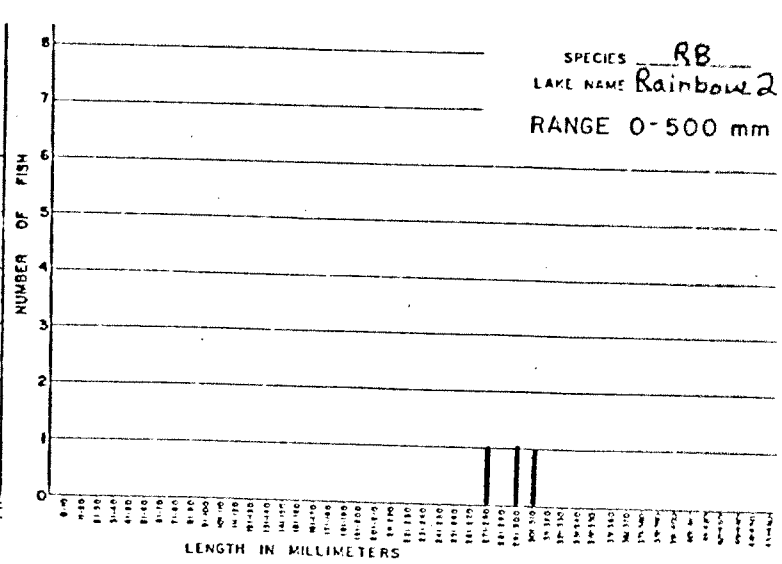

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Kid 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

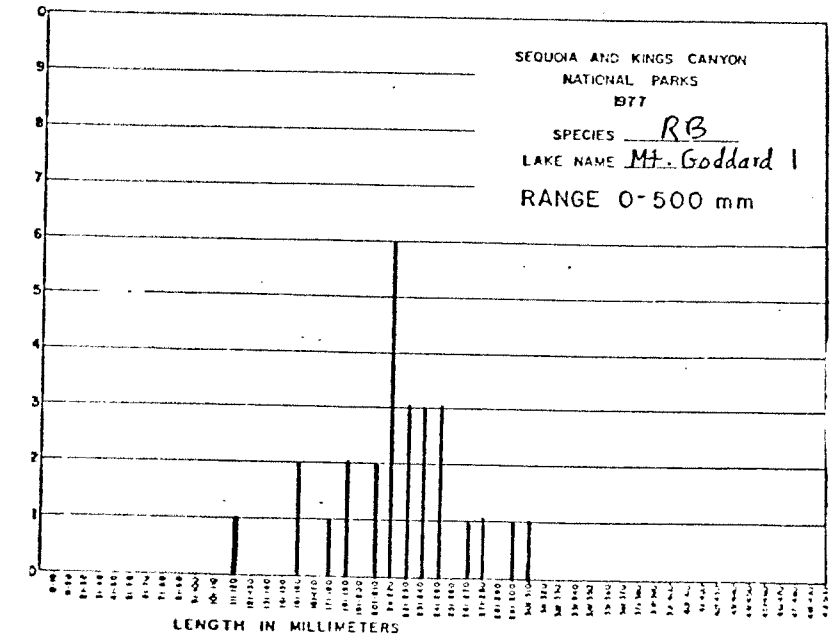

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Lost
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

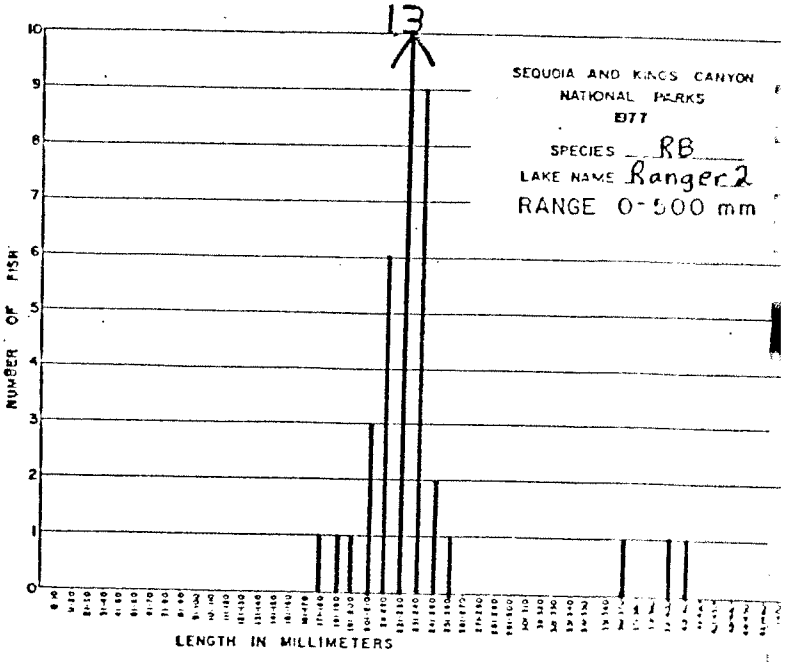

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Kid 3
RANGE 0-500 mm
LENGTH IN MILLIMETERS

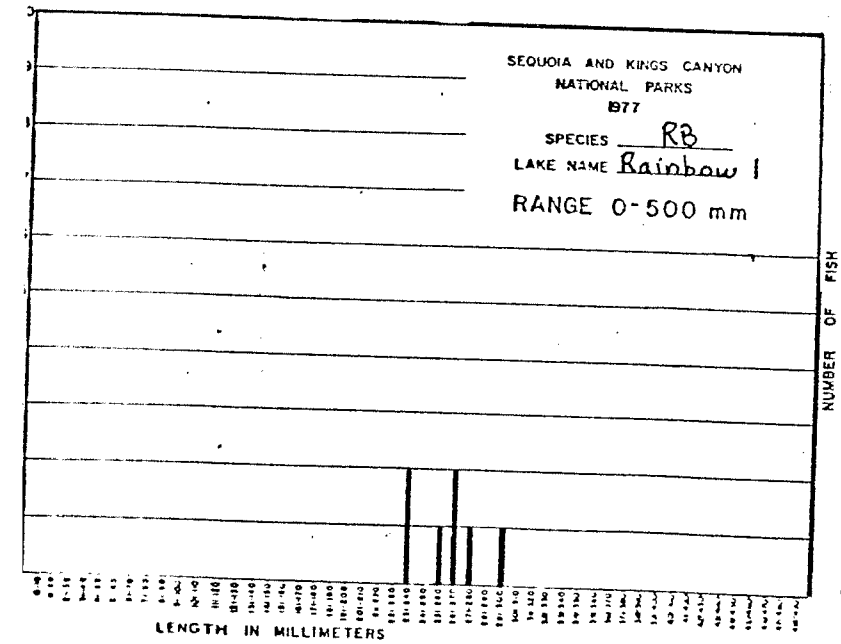

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Marion Pk. 3
RANGE 0-500 mm
LENGTH IN MILLIMETERS

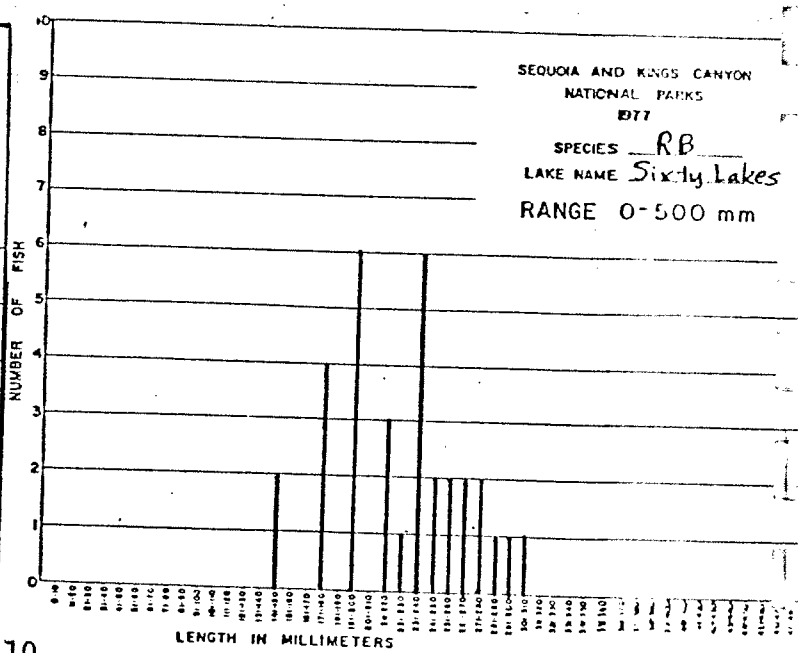

SPECIES RB
LAKE NAME Marion Pk. 4
RANGE 0-500 mm
LENGTH IN MILLIMETERS

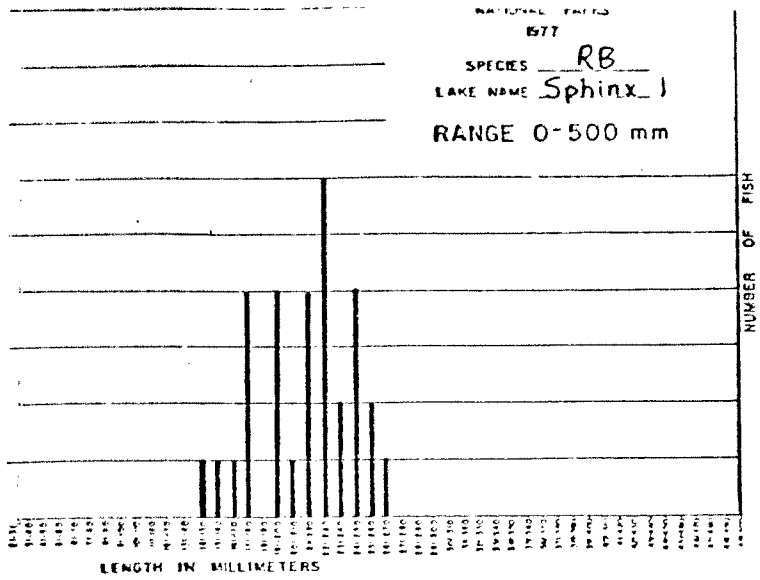

SPECIES RB
LAKE NAME Rainbow 2
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

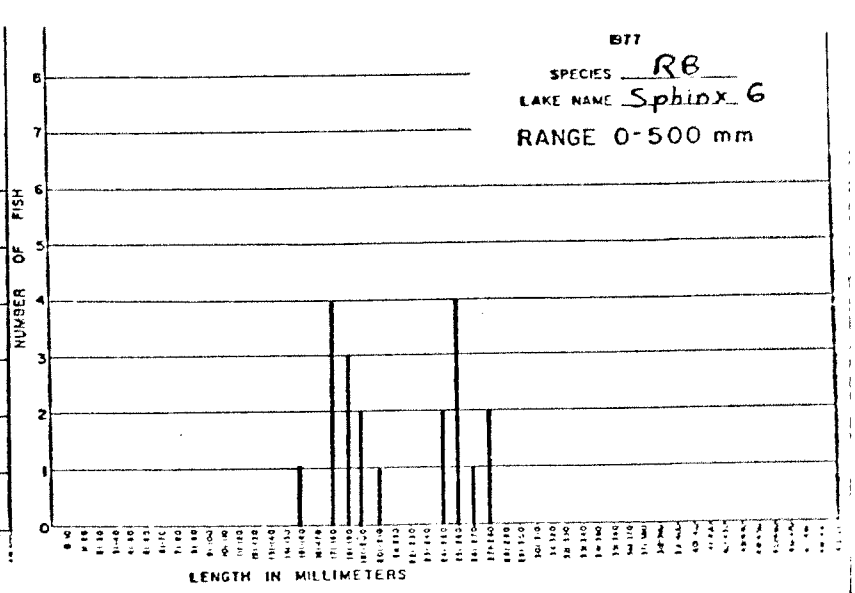

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Mt. Goddard 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

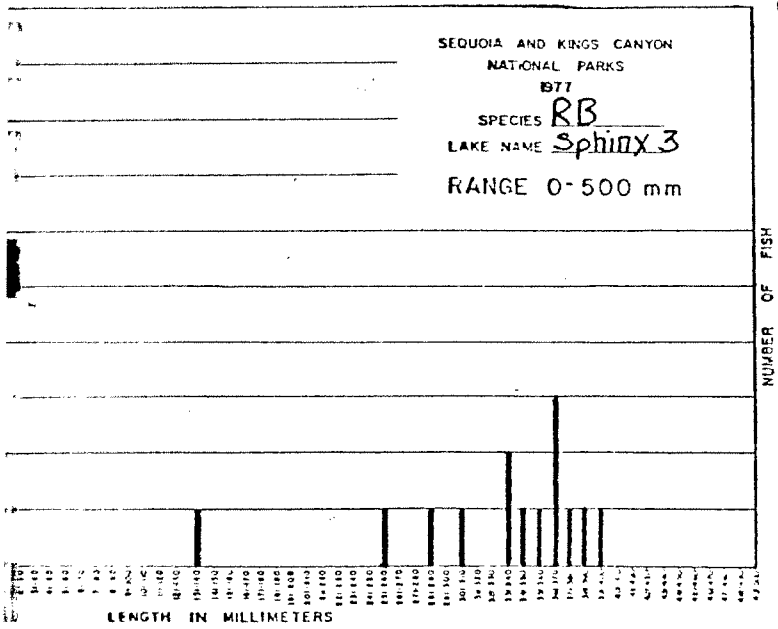

13
SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Ranger 2
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

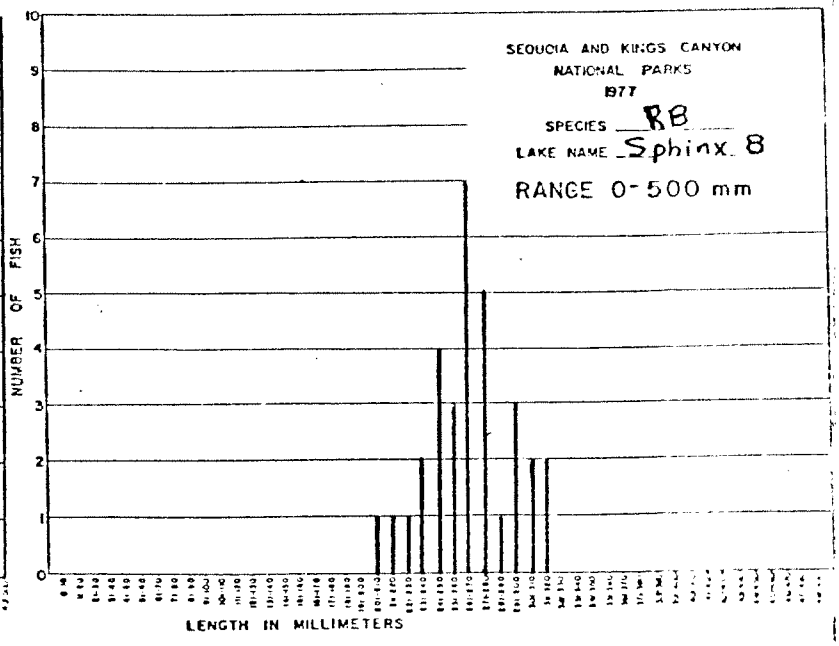

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Rainbow 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

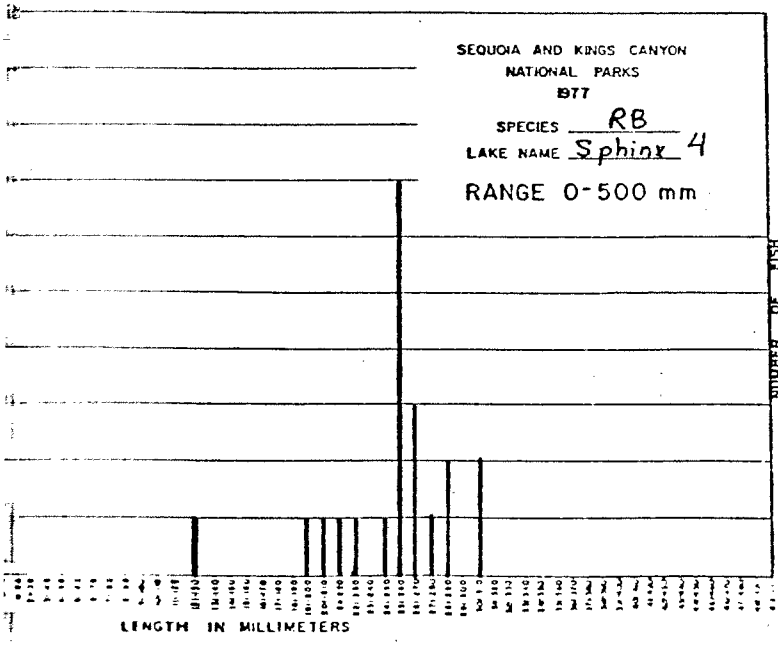

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Sixty Lakes
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

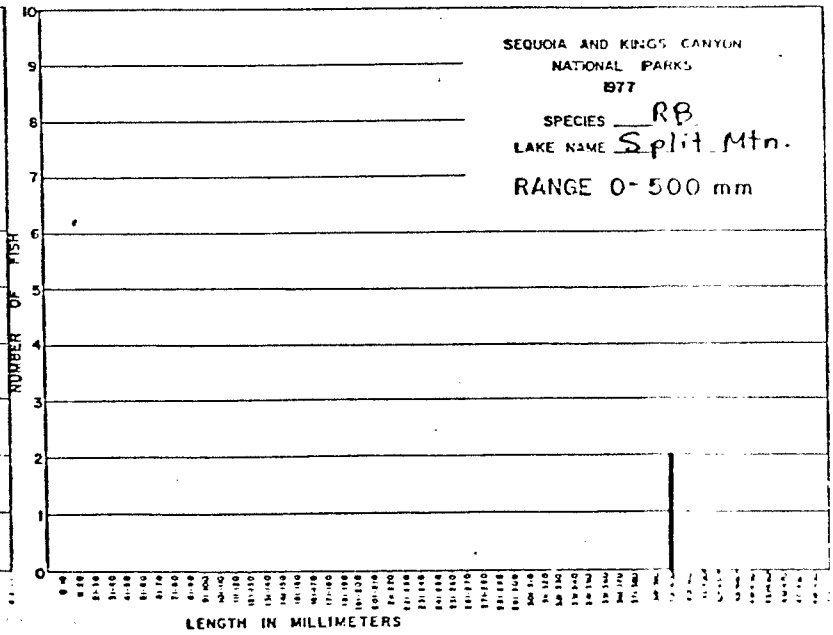

1977
SPECIES RB
LAKE NAME Sphinx 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

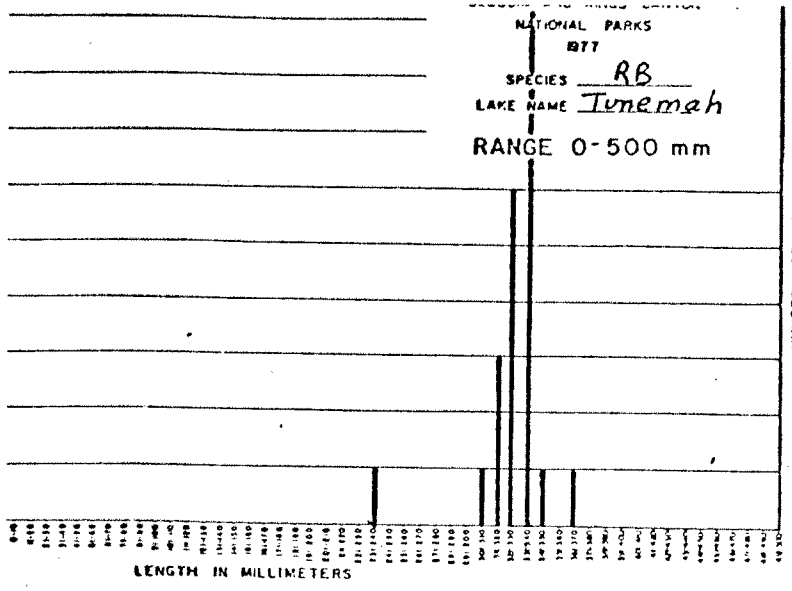

1977
SPECIES RB
LAKE NAME Sphinx 6
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

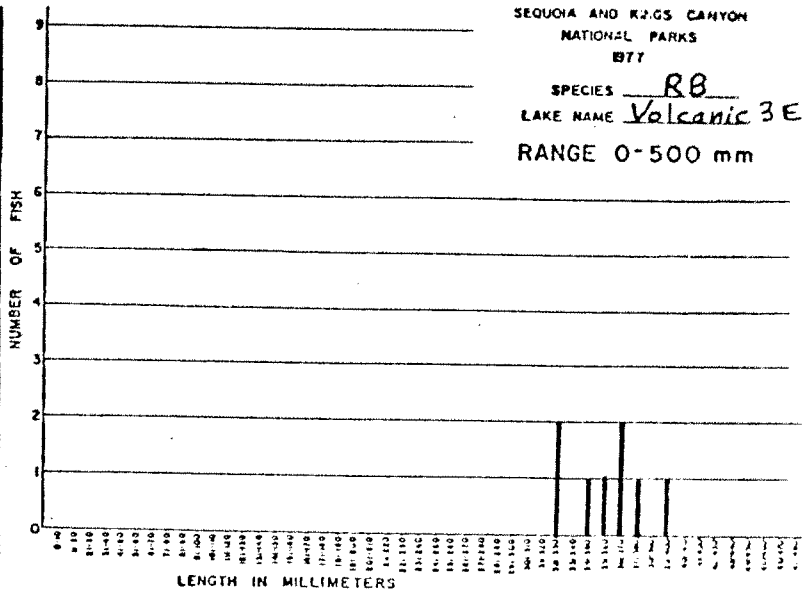

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Sphinx 3
RANGE 0-500 mm
LENGTH IN MILLIMETERS

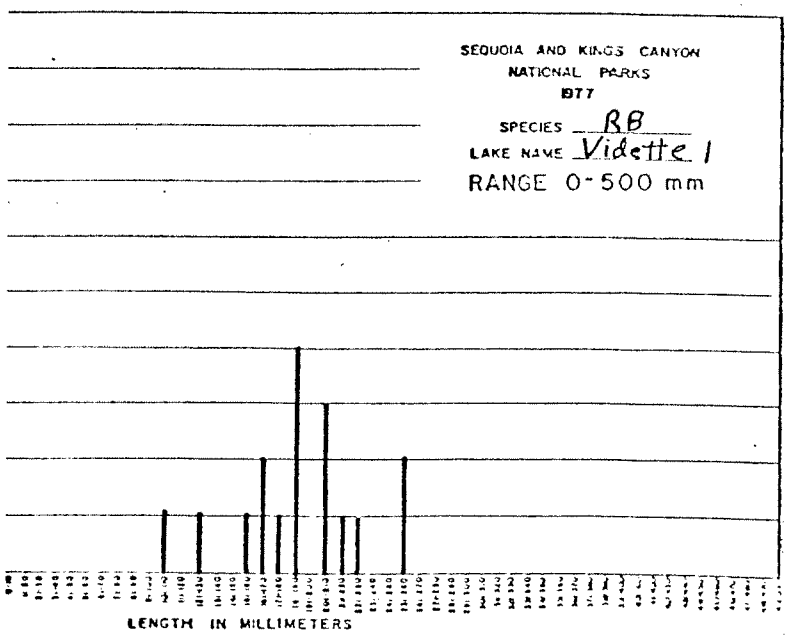

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Sphinx 8
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

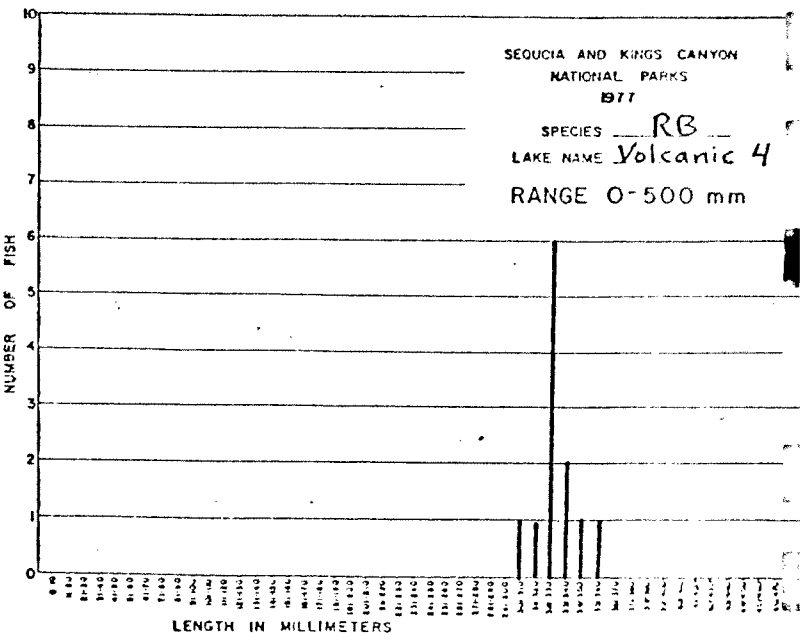

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Sphinx 4
RANGE 0-500 mm
LENGTH IN MILLIMETERS

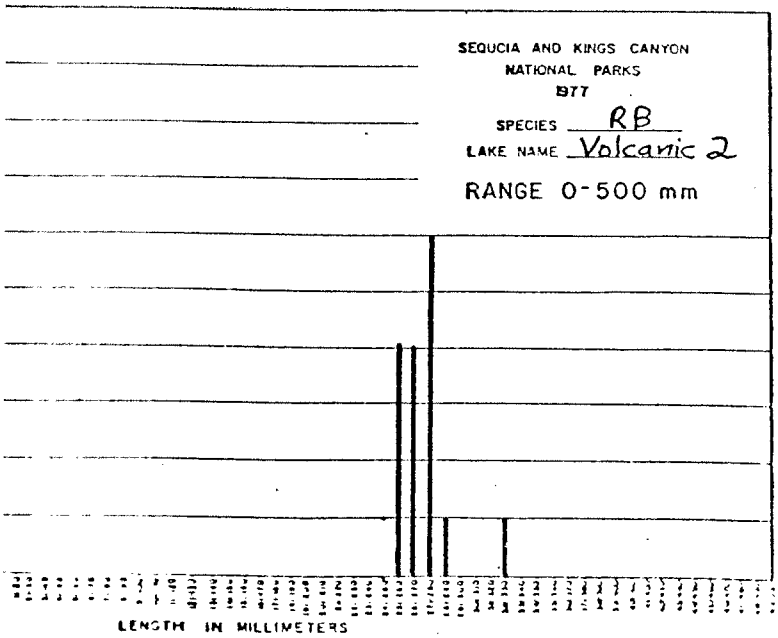

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Split Mtn.
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

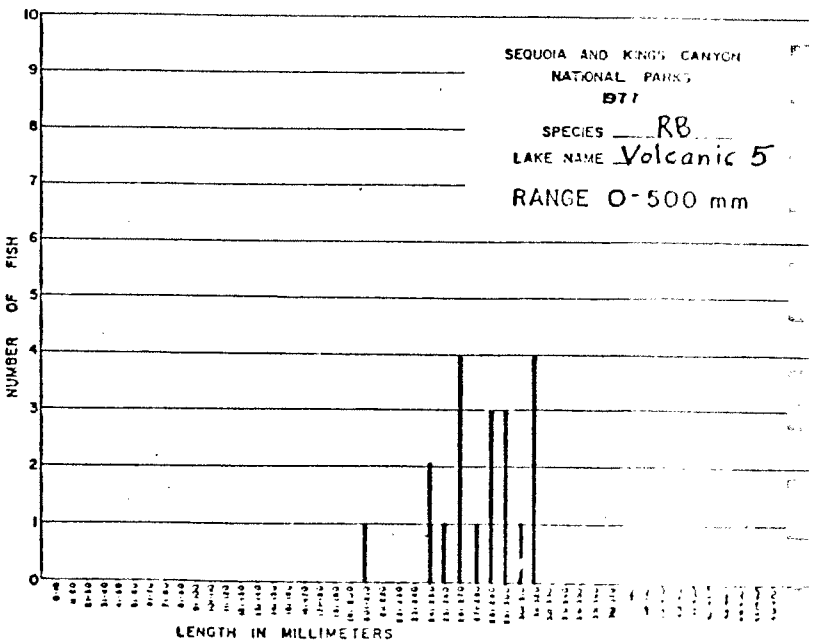

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Tenemah
RANGE 0-500 mm
LENGTH IN MILLIMETERS

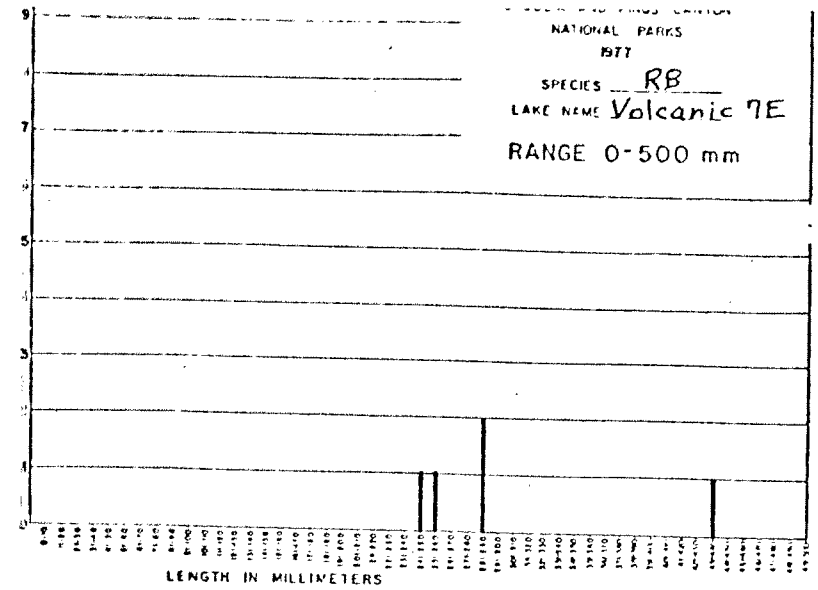

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 3E
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

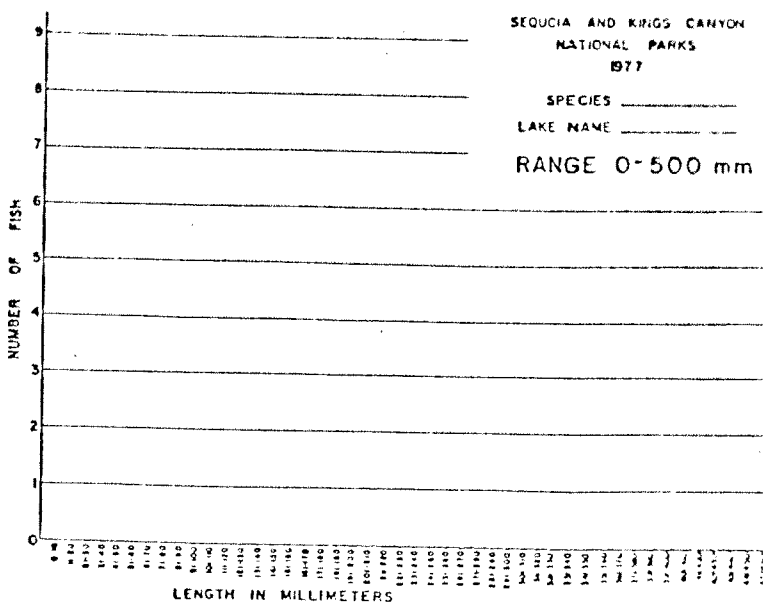

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Vidette 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

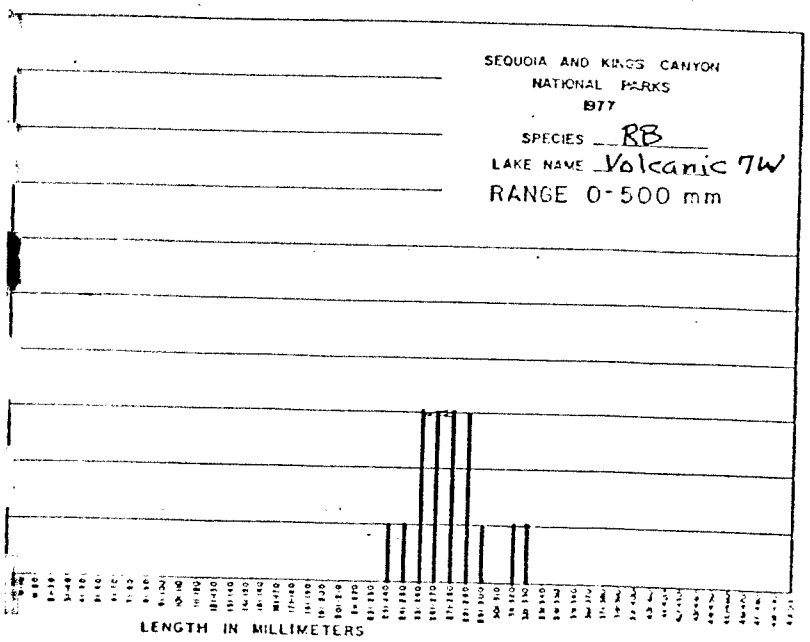

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 4
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

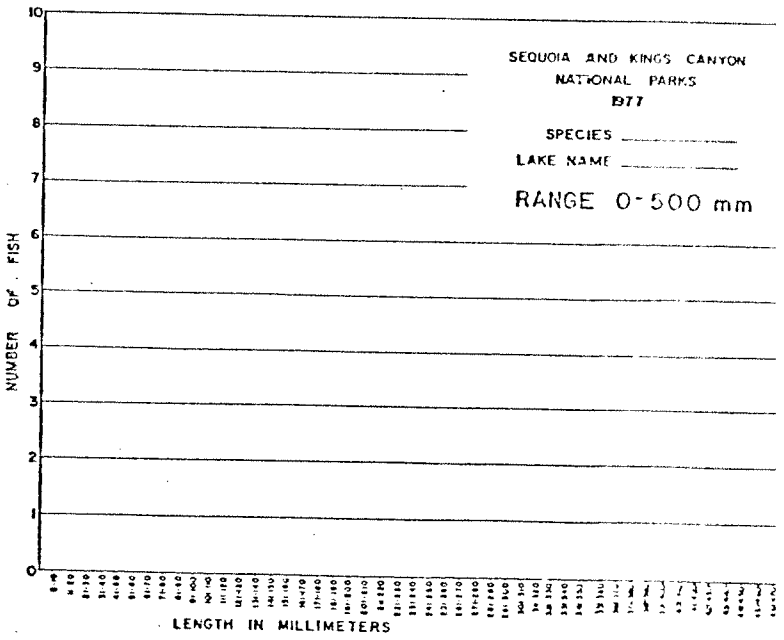

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

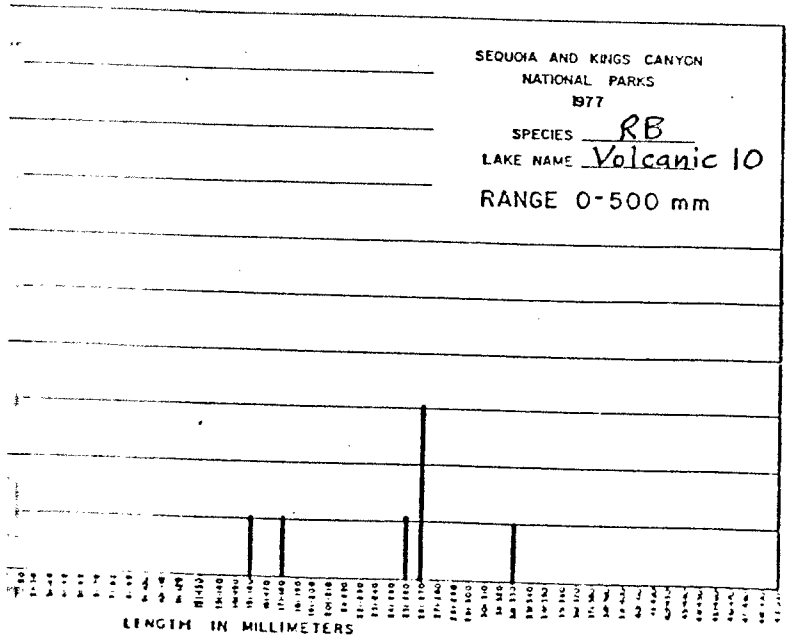

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 5
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

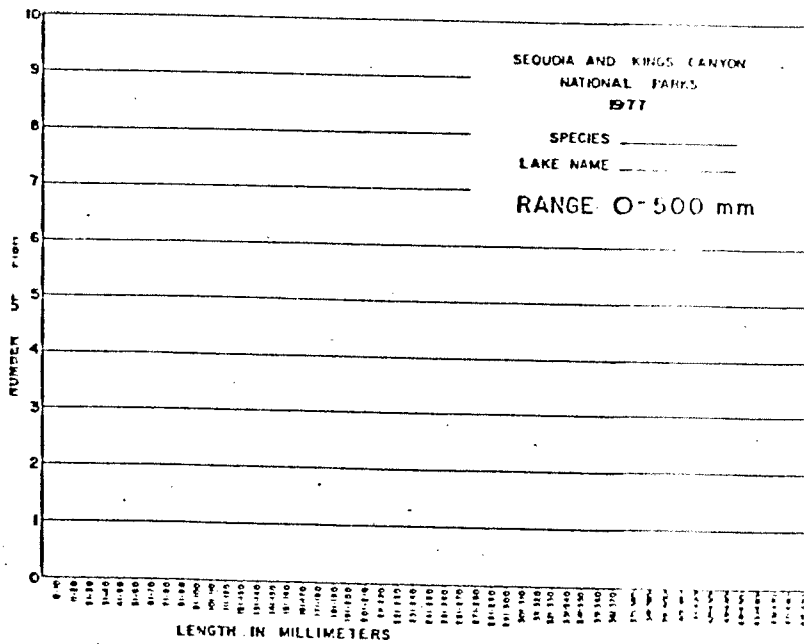

NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 7E
RANGE 0-500 mm
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 7W
RANGE 0-500 mm
LENGTH IN MILLIMETERS

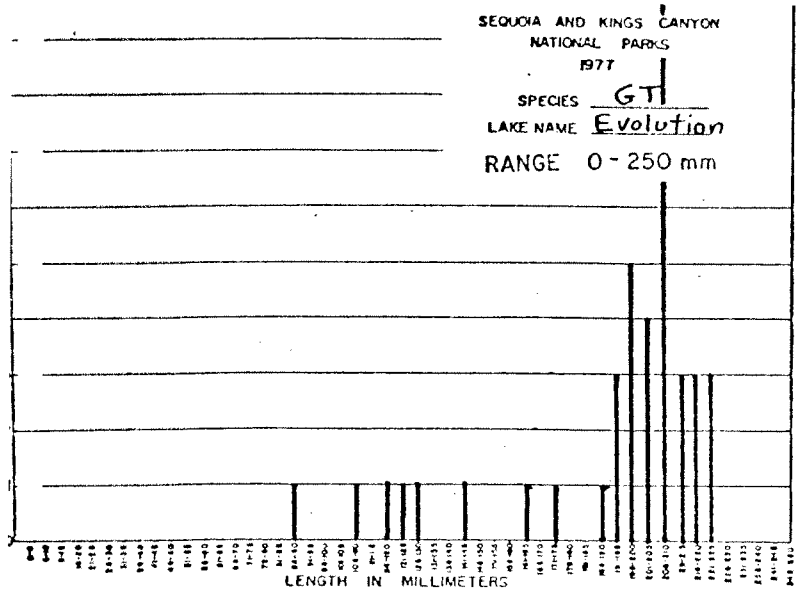

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

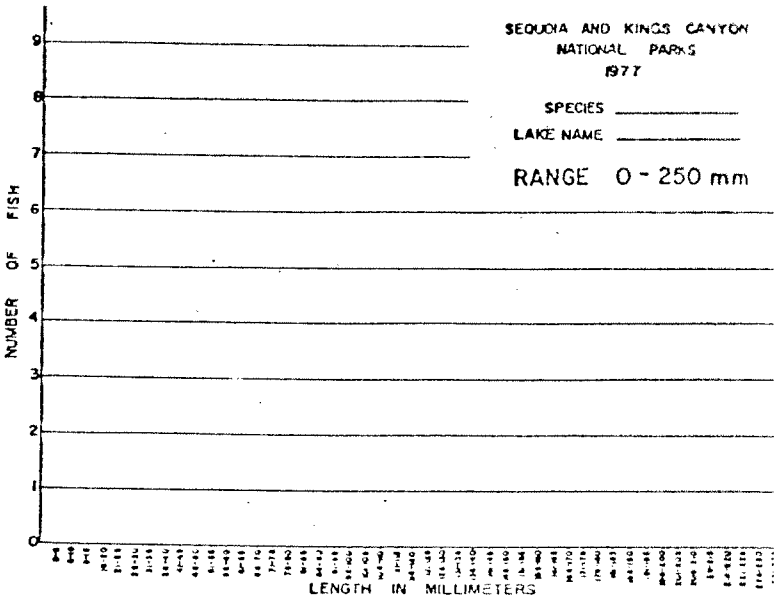

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES RB
LAKE NAME Volcanic 10
RANGE 0-500 mm
LENGTH IN MILLIMETERS

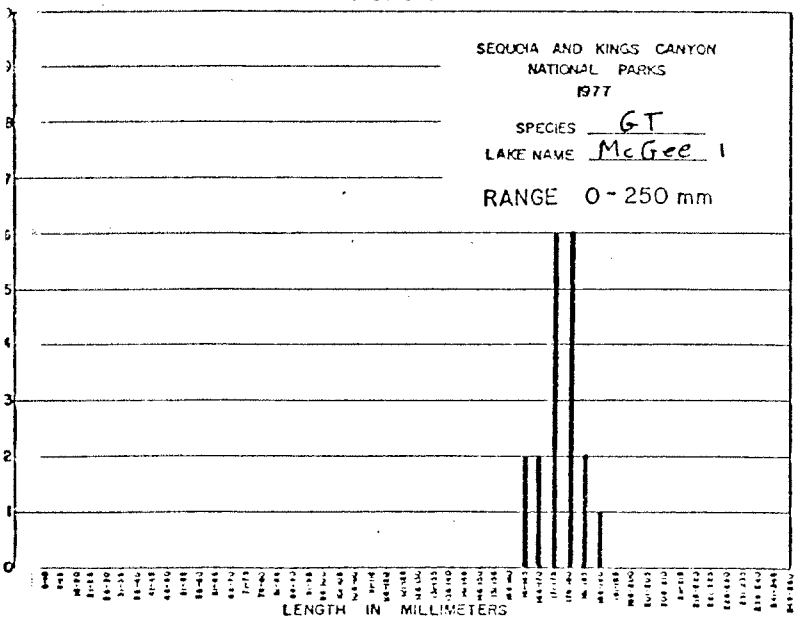

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
LENGTH IN MILLIMETERS

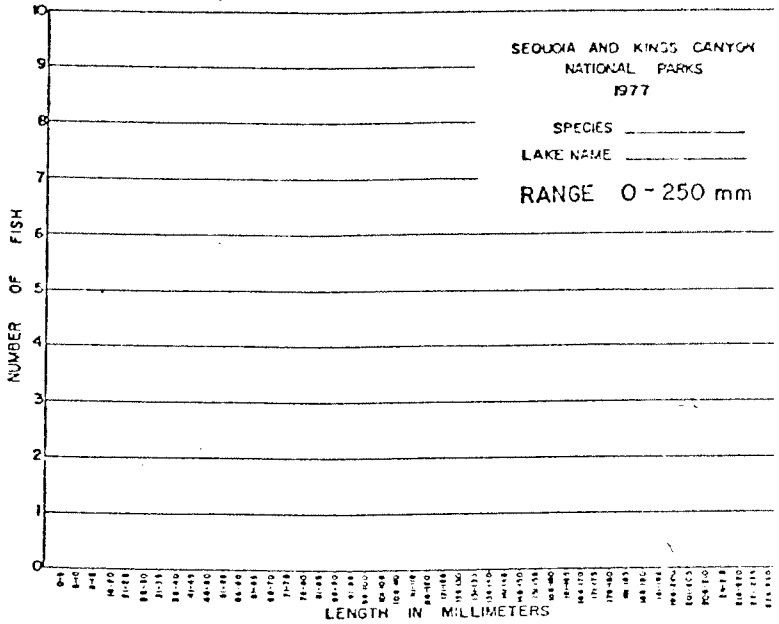
GT

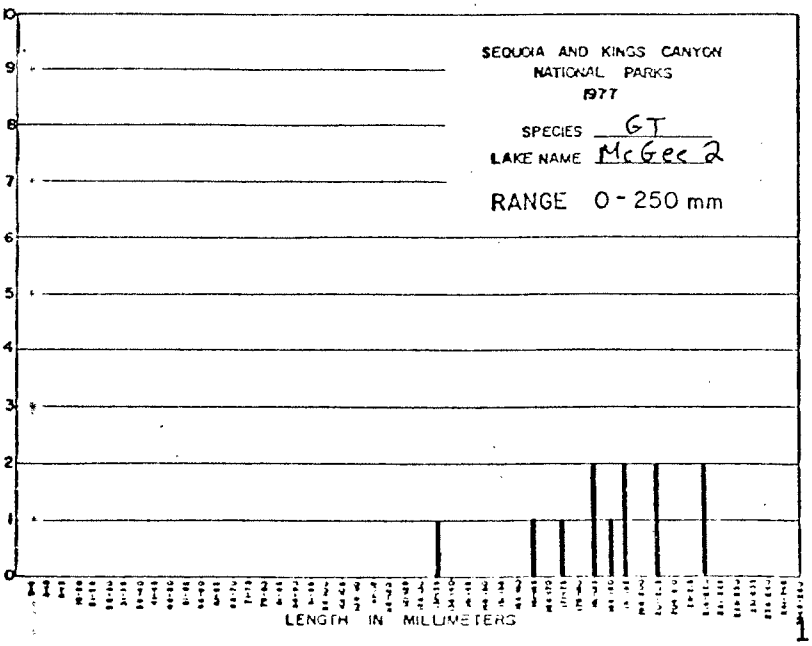
0-250

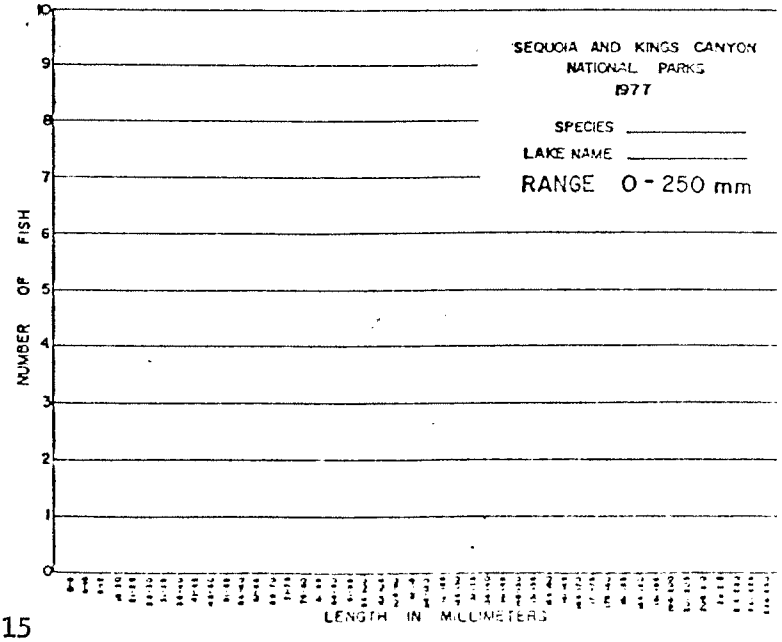

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Evolution
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME McGee 1
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

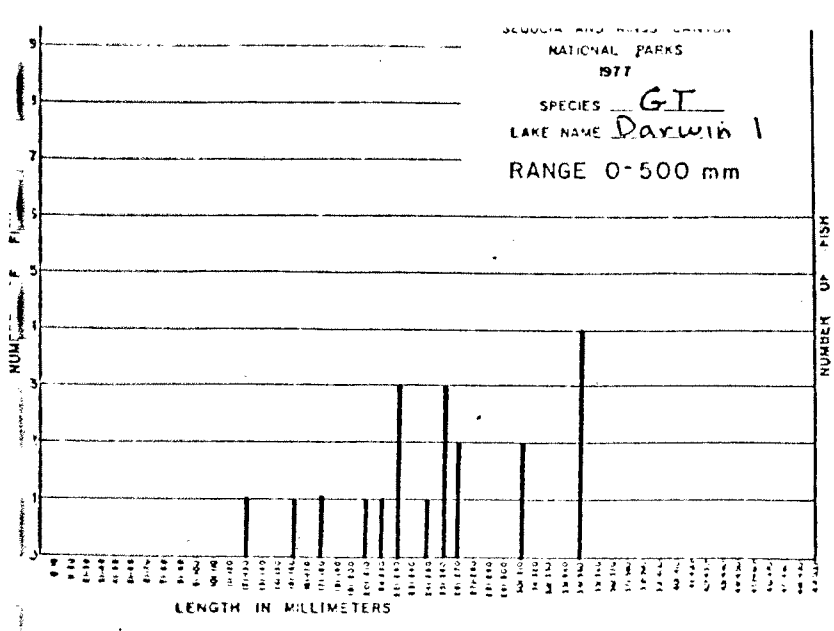

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

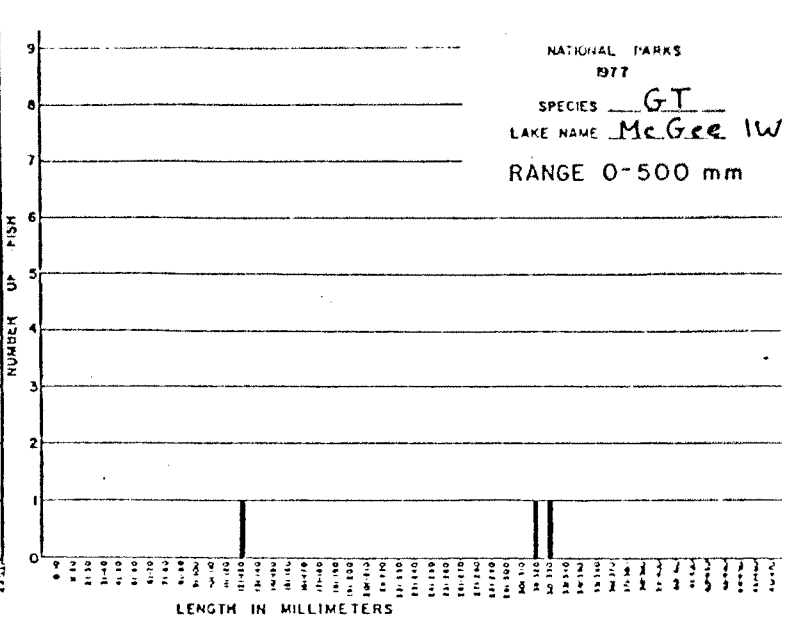

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME McGee 2
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

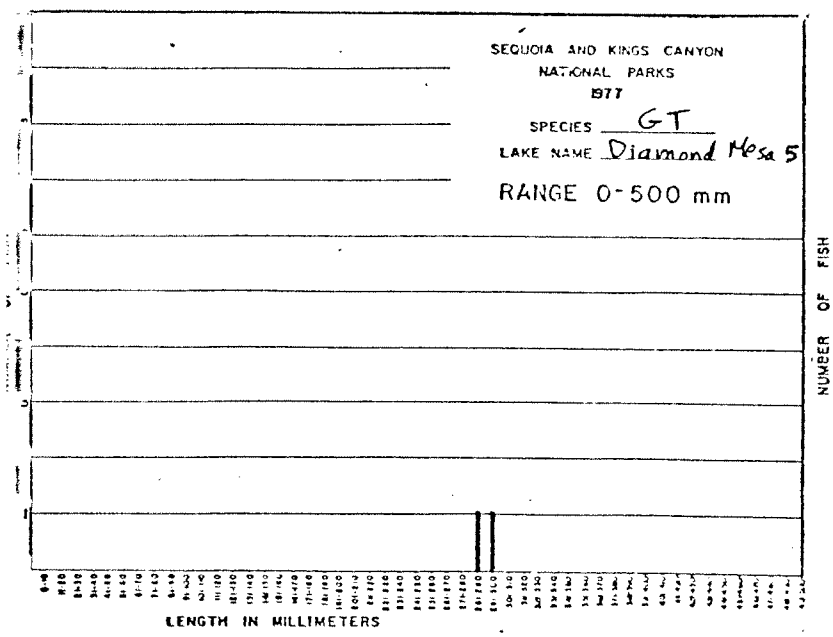

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

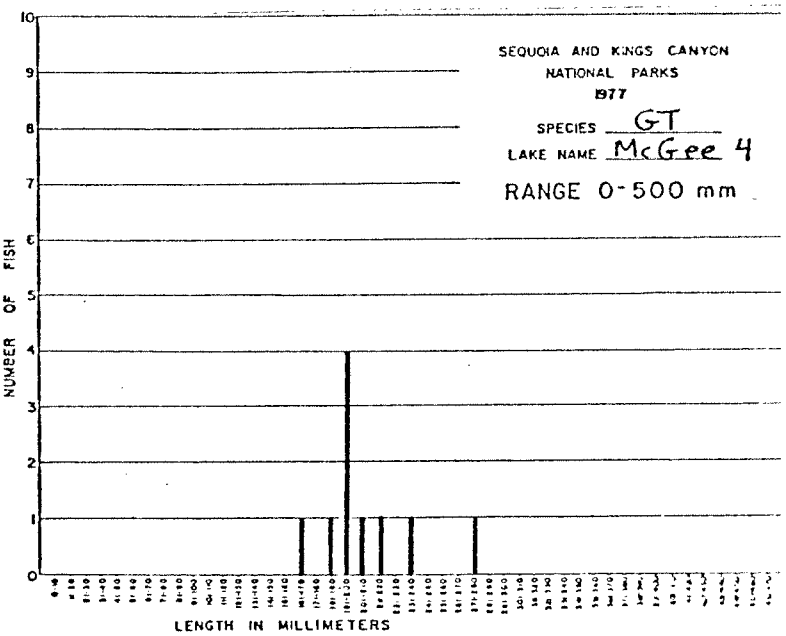
GT

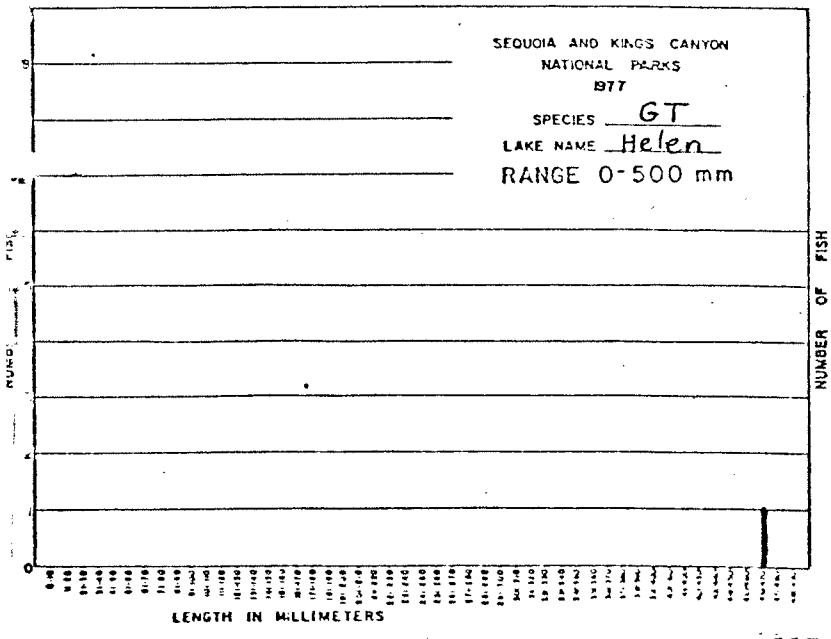
0-500

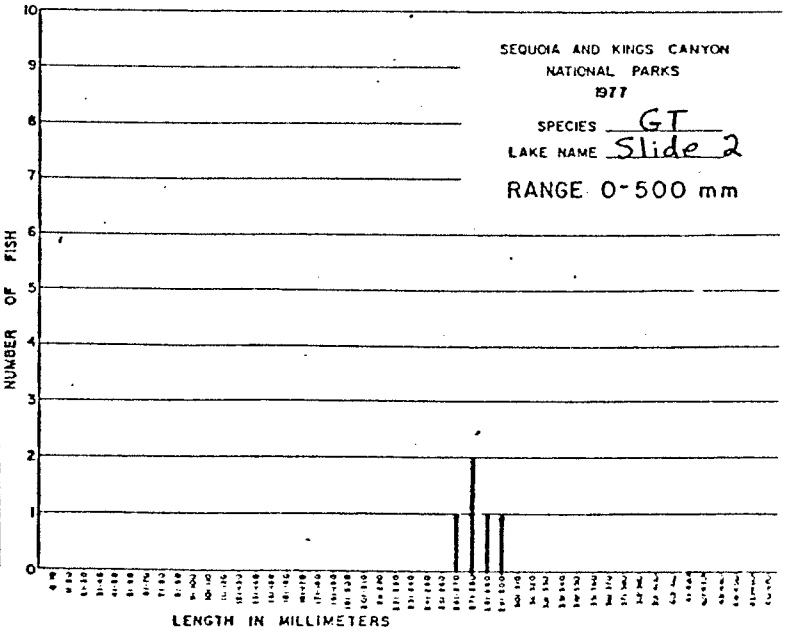

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Darwin 1
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

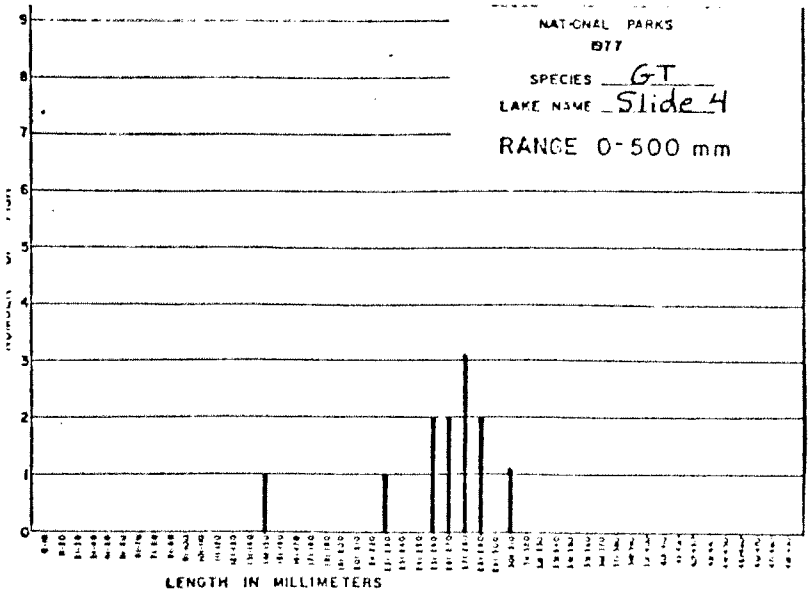

NATIONAL PARKS
1977
SPECIES GT
LAKE NAME McGee 1W
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

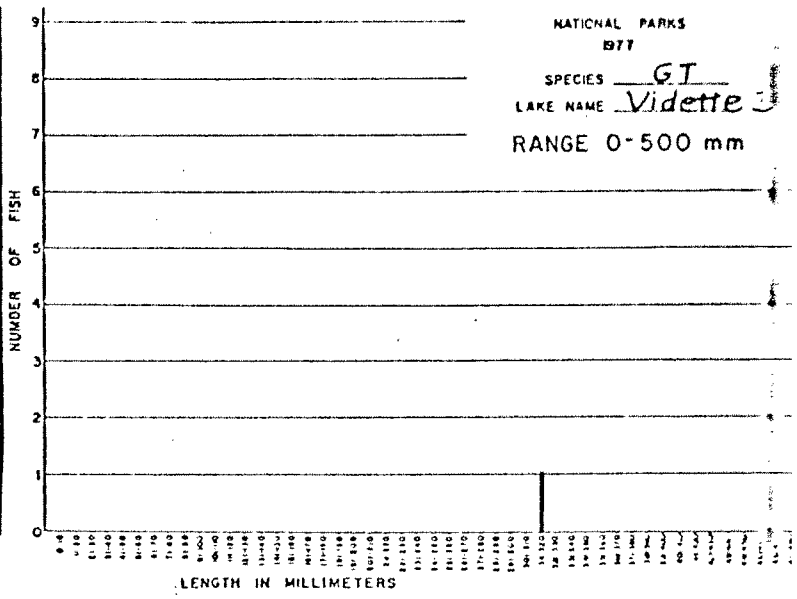

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Diamond Mesa 5
RANGE 0-500 mm
LENGTH IN MILLIMETERS

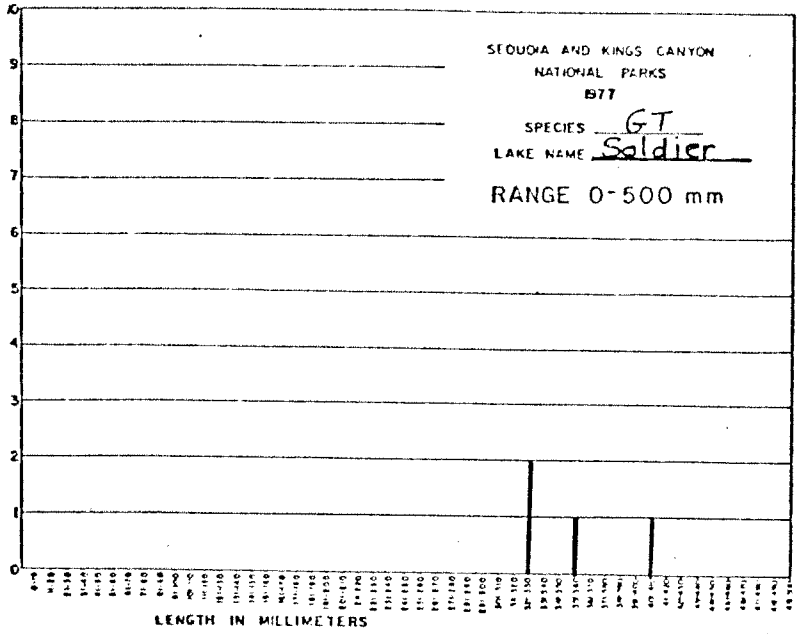

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME McGee 4
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

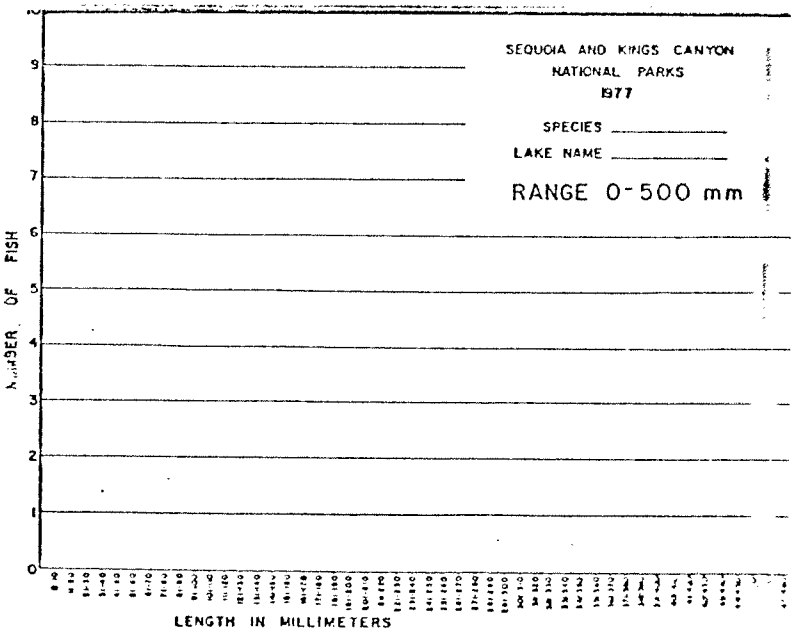

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Helen
RANGE 0-500 mm
LENGTH IN MILLIMETERS

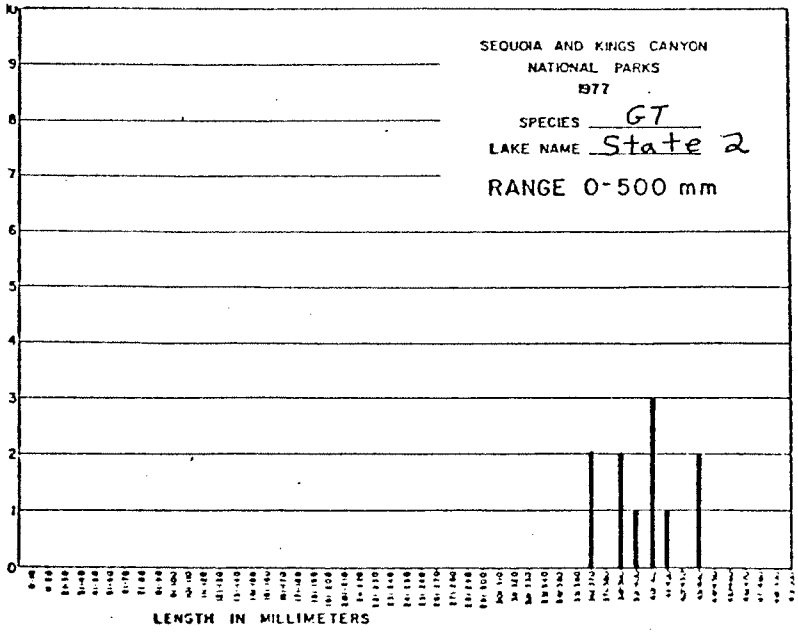

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Slide 2
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

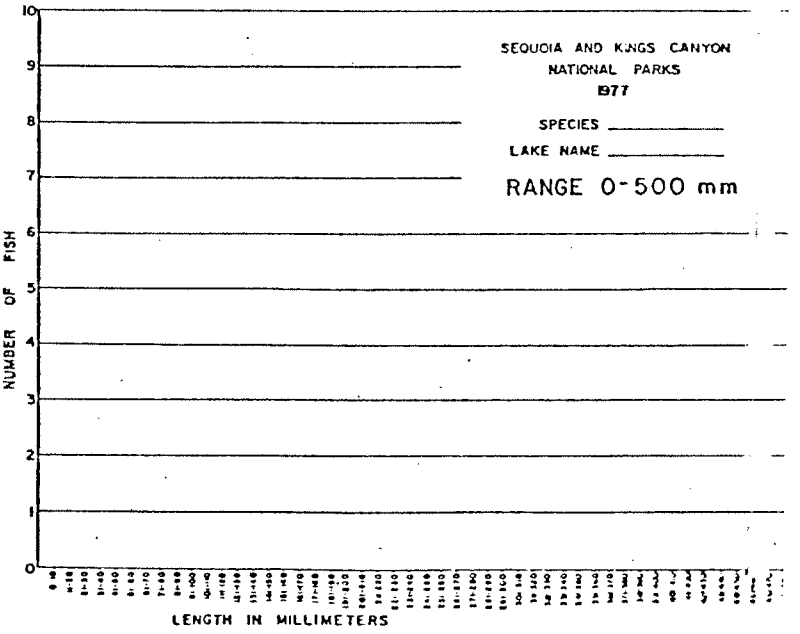

NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Slide 4
RANGE 0-500 mm
LENGTH IN MILLIMETERS


NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Vidette
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME Soldier
RANGE 0-500 mm
LENGTH IN MILLIMETERS

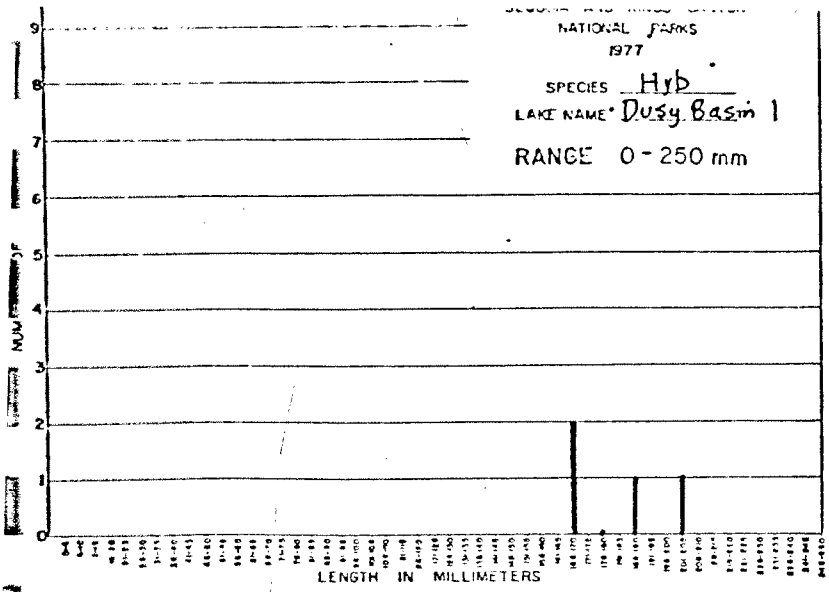

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
LENGTH IN MILLIMETERS

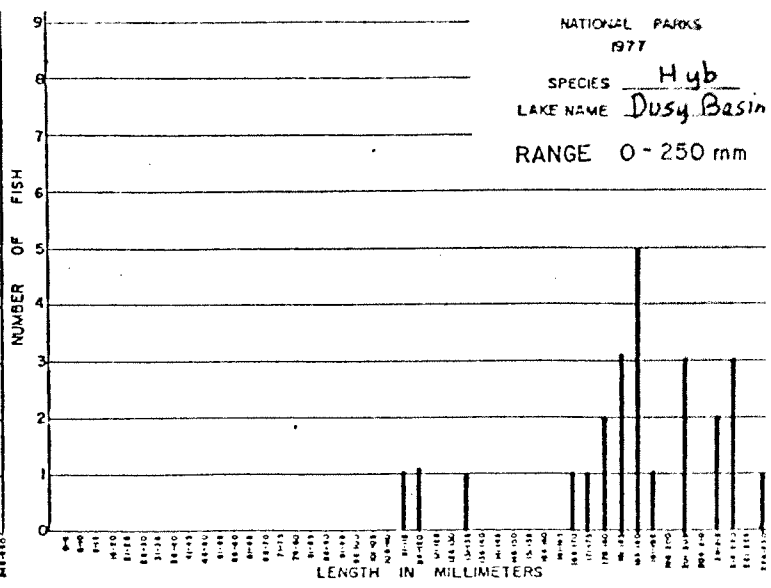

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES GT
LAKE NAME State 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

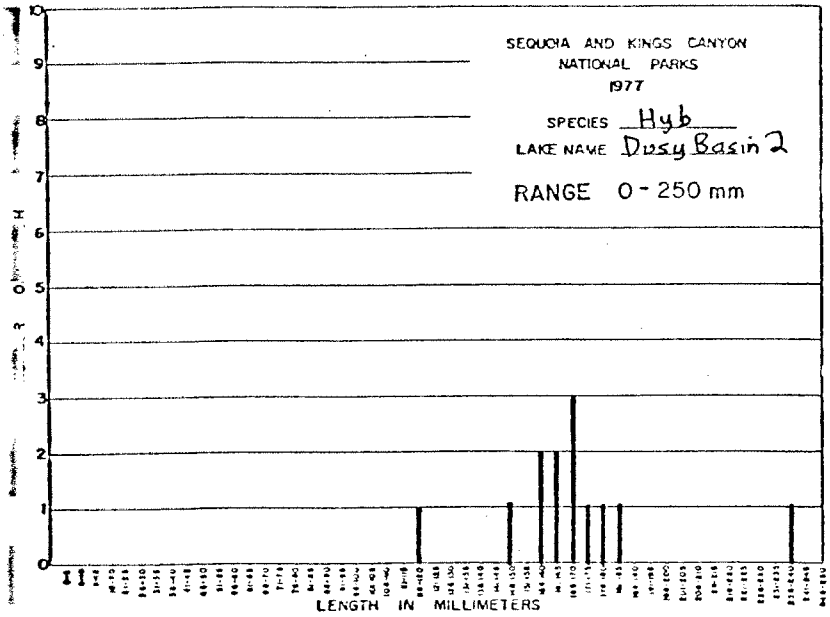

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

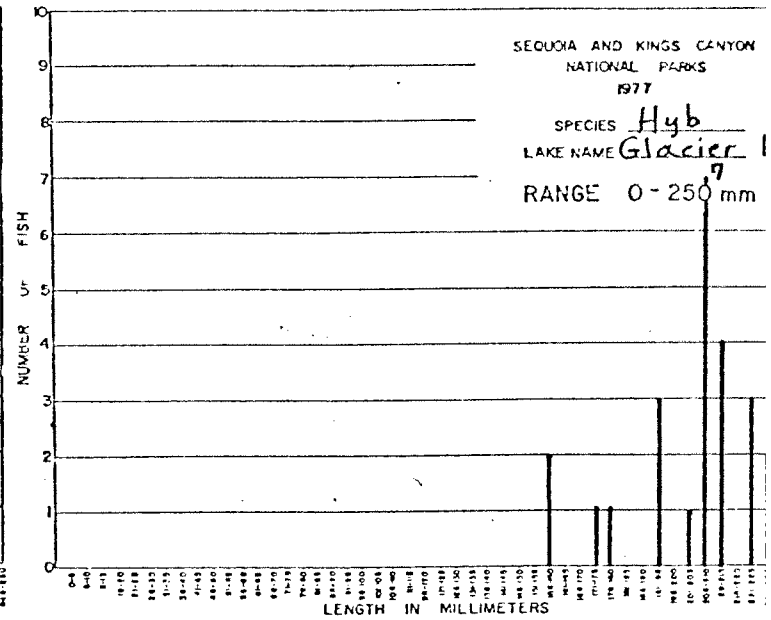
Hybrid

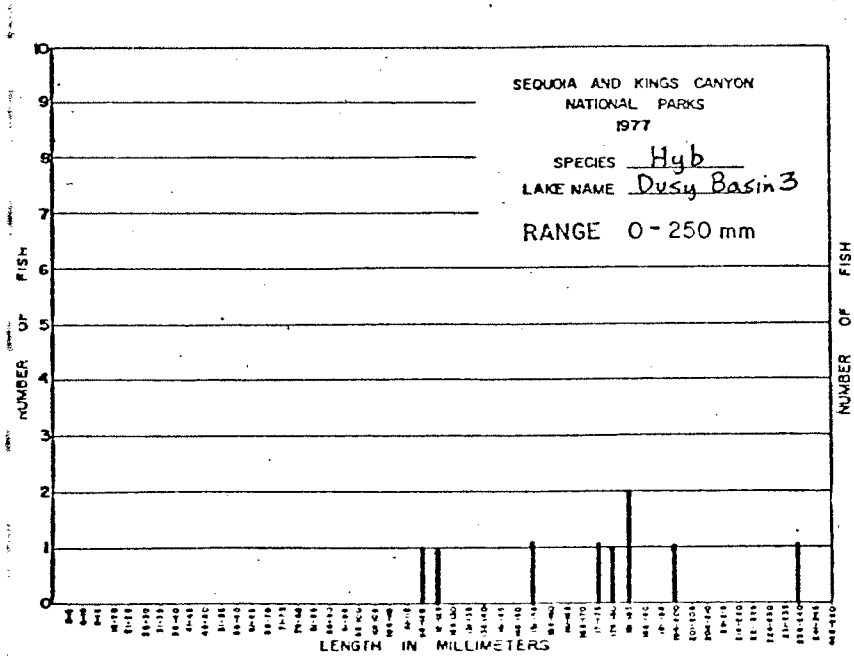
0 - 250

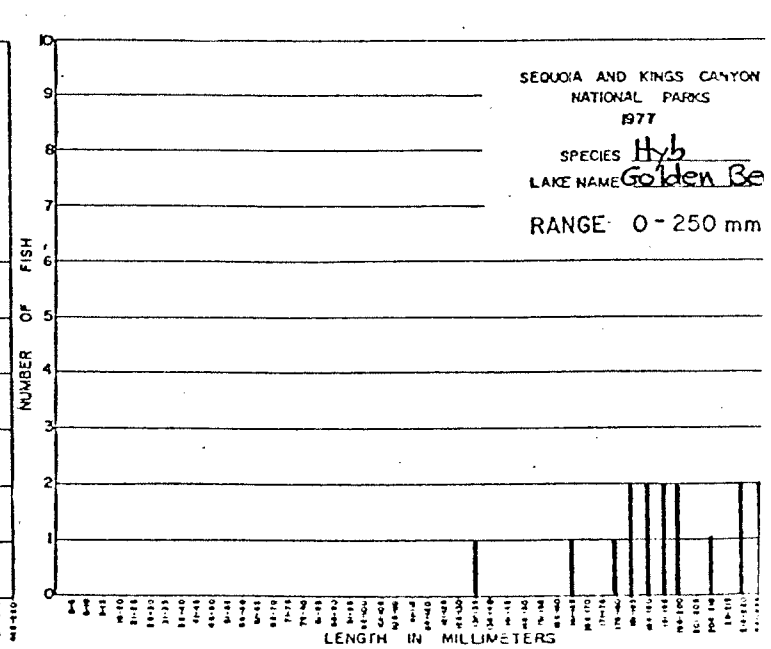

NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Dusy Basin 1
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

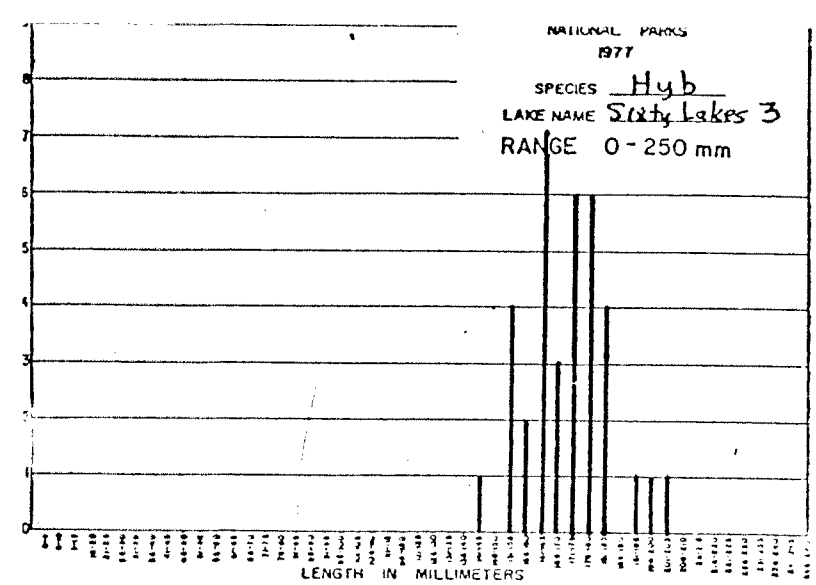

NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Dusy Basin
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

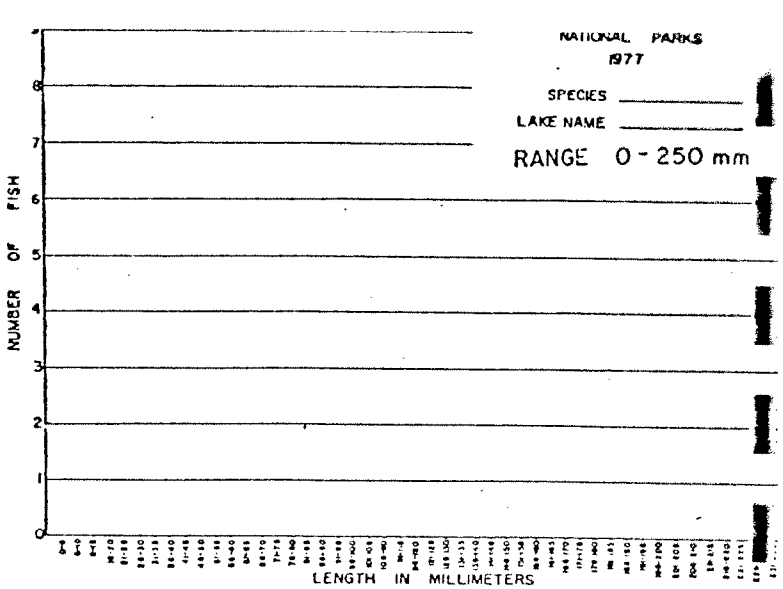

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Dusy Basin 2
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

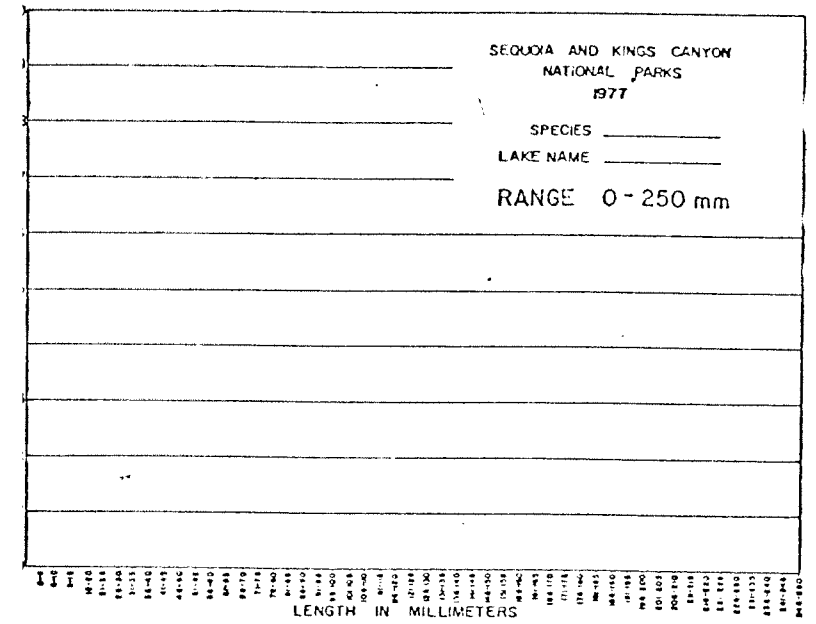

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Glacier 1
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

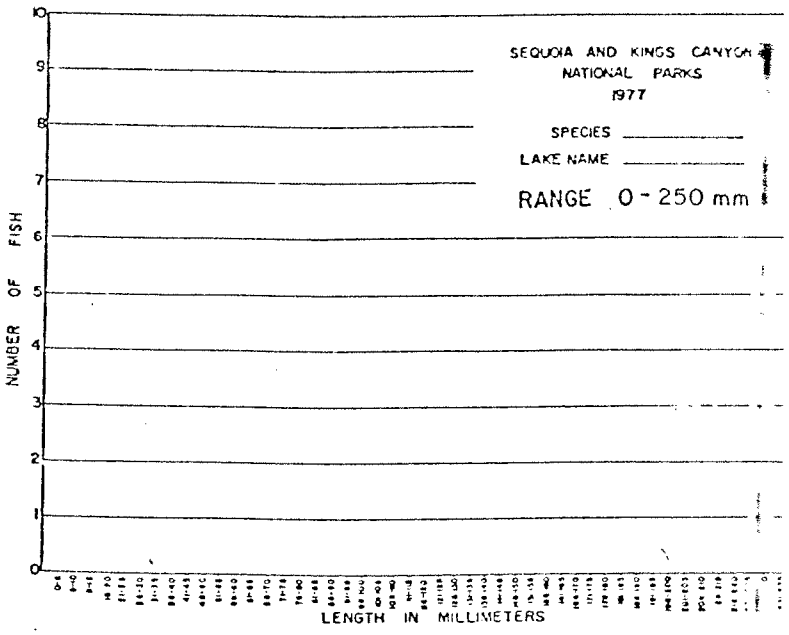

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Dusy Basin 3
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

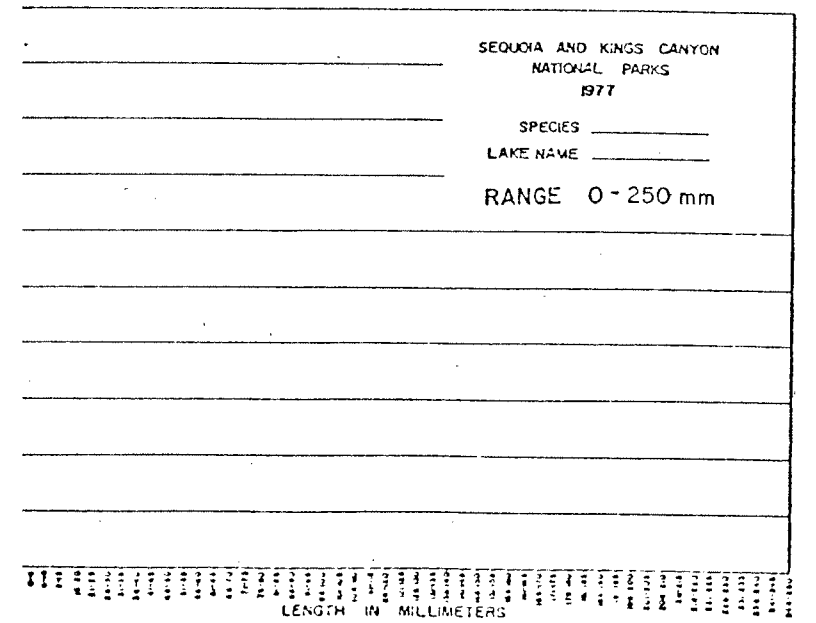

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Golden Be
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

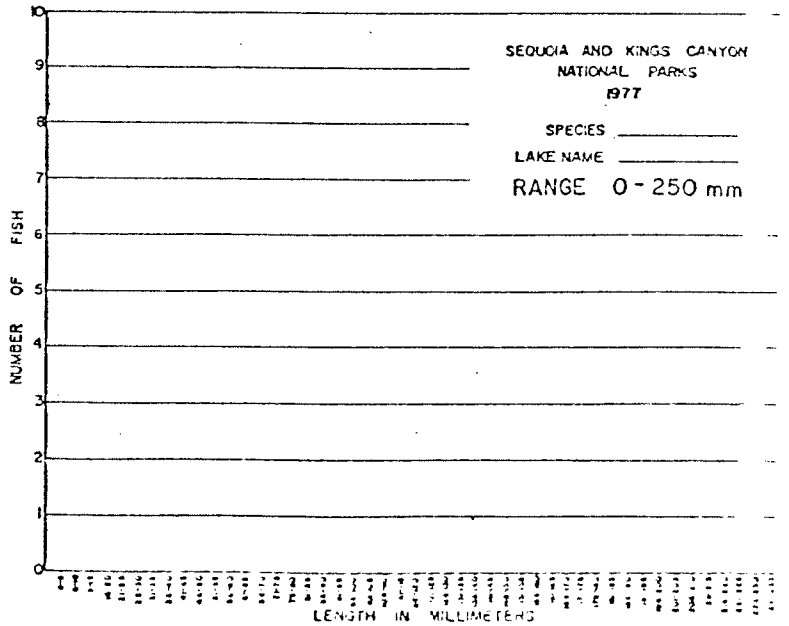

NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Sixty Lakes 3
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS


NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

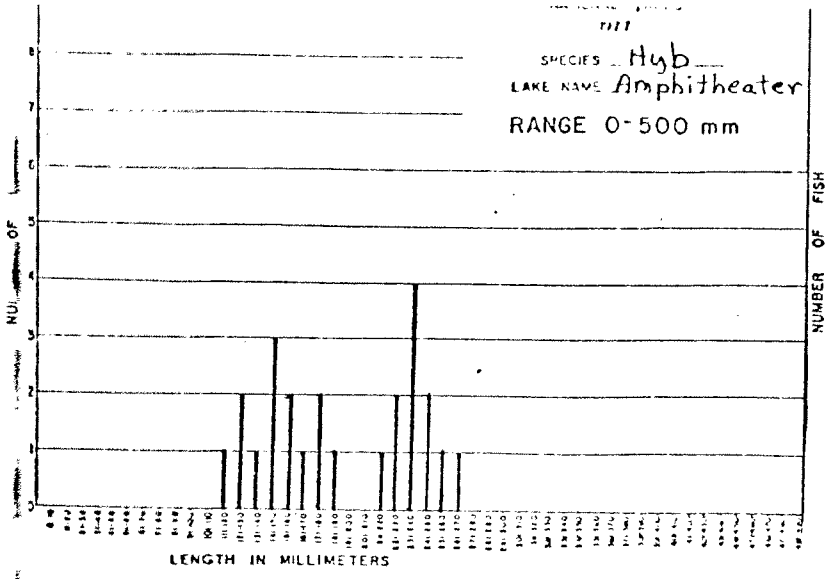

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

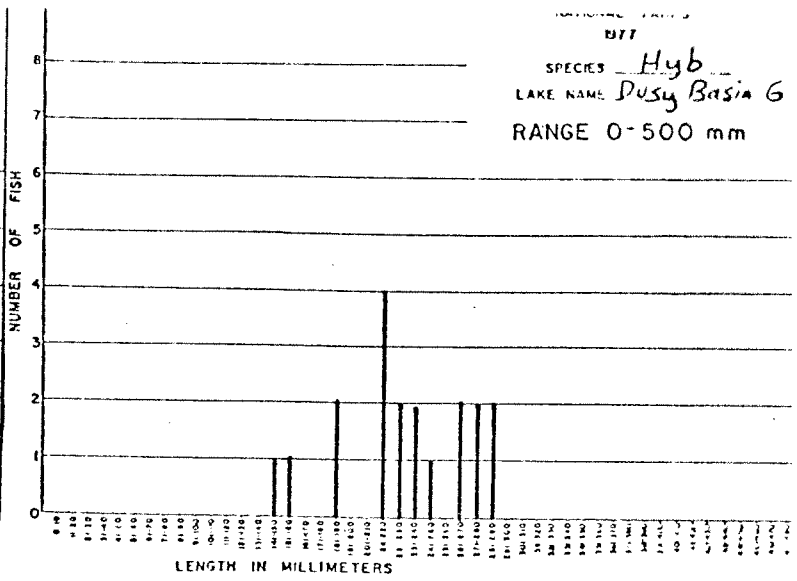

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
LENGTH IN MILLIMETERS

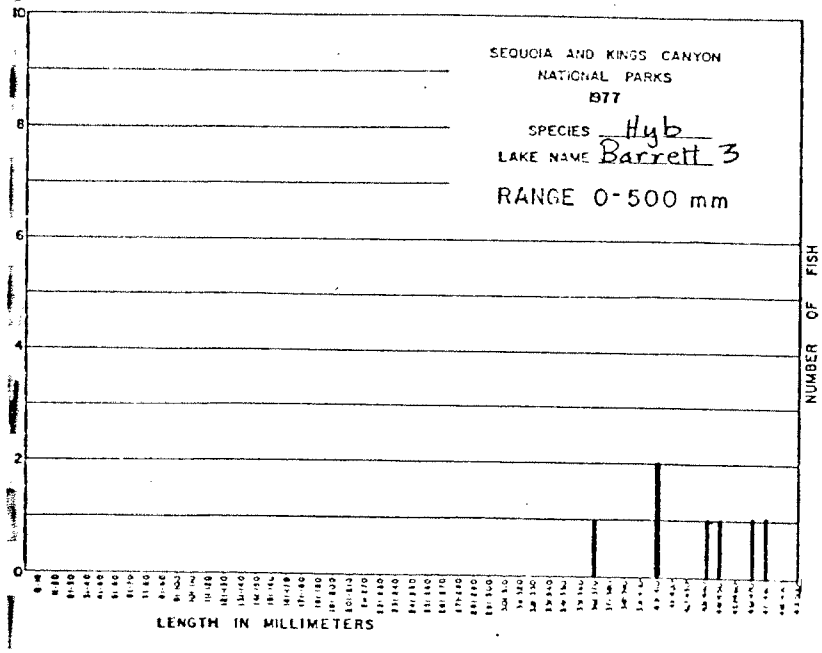

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0 - 250 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

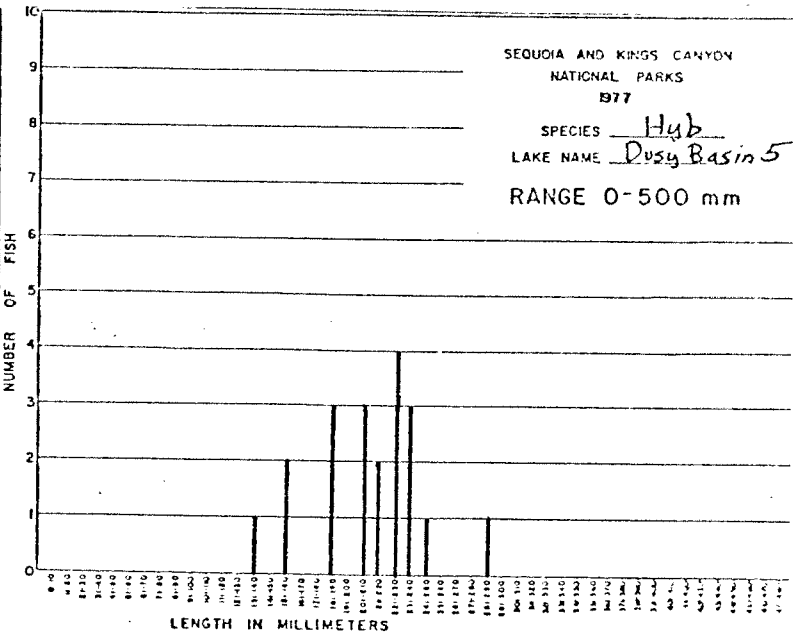
Hybrid

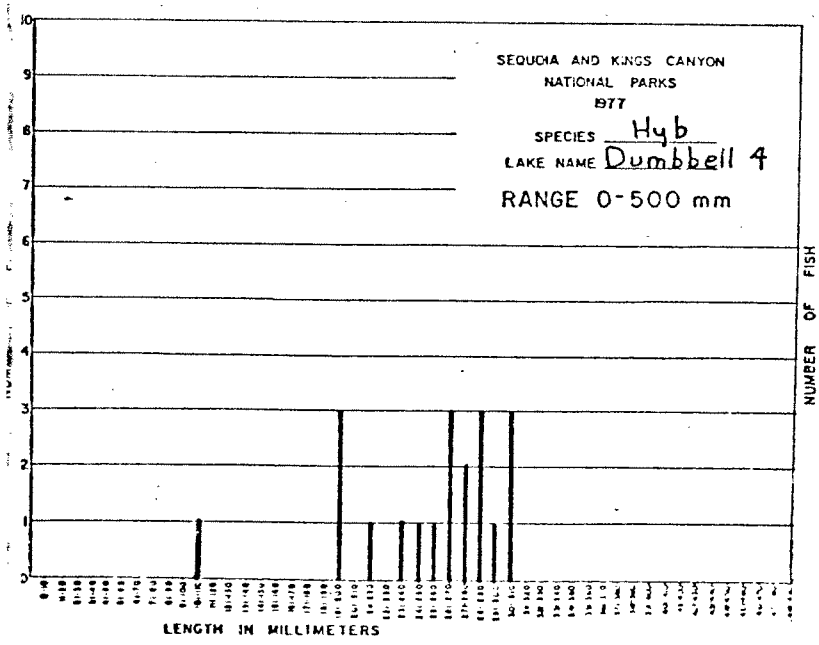
0 - 500

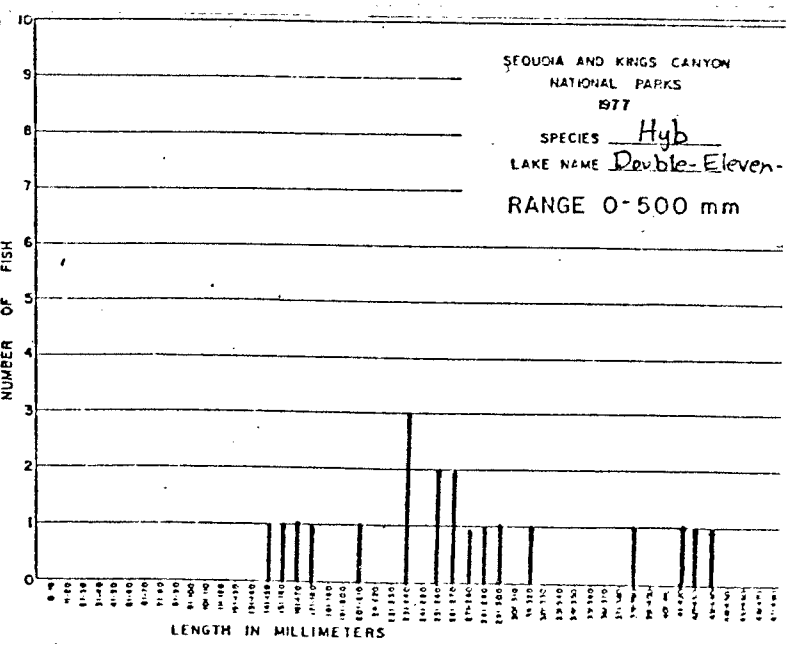

1977
SPECIES Hyb
LAKE NAME Amphitheater
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

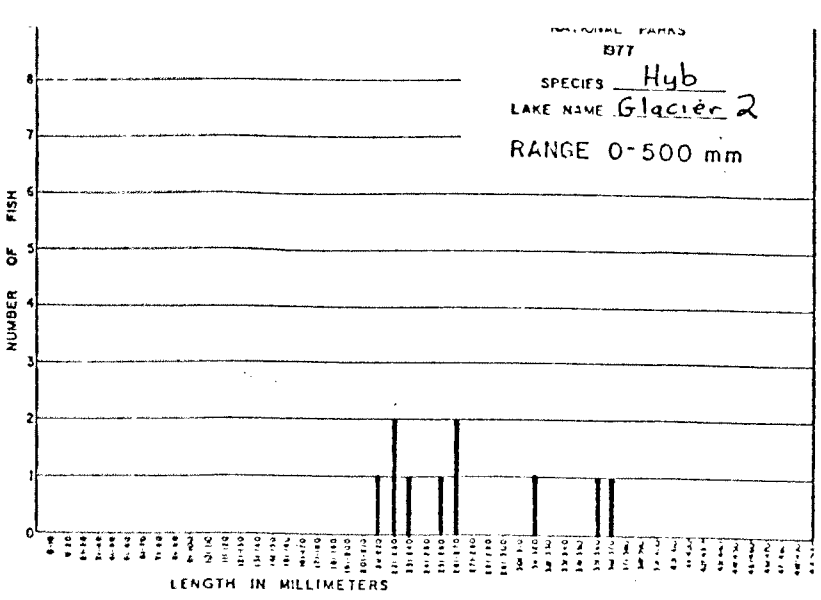

1977
SPECIES Hyb
LAKE NAME Dusy Basin 6
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

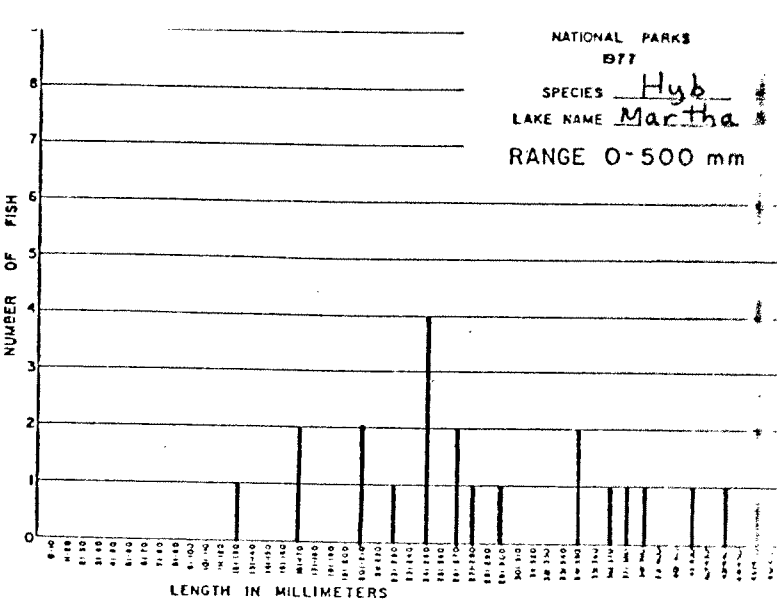

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Barrett 3
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

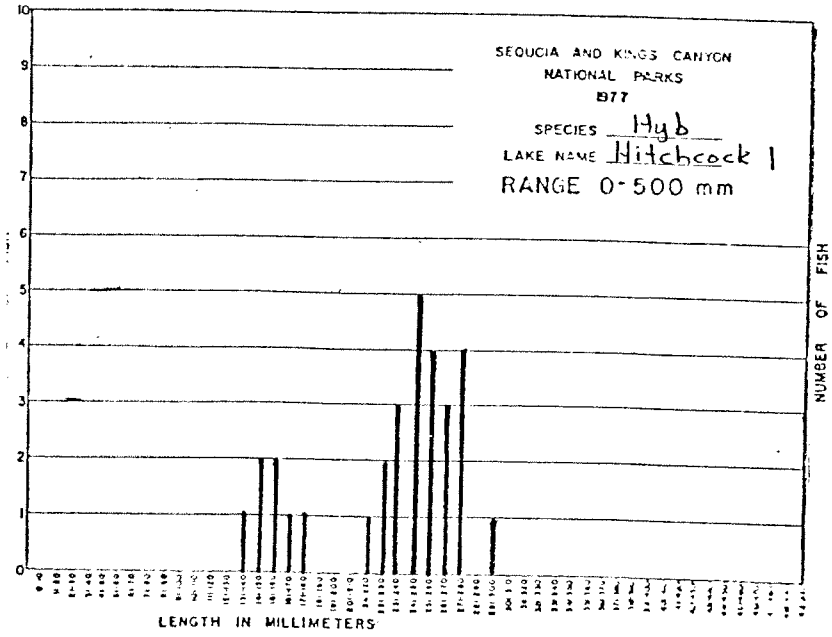

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Dusy Basin 5
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

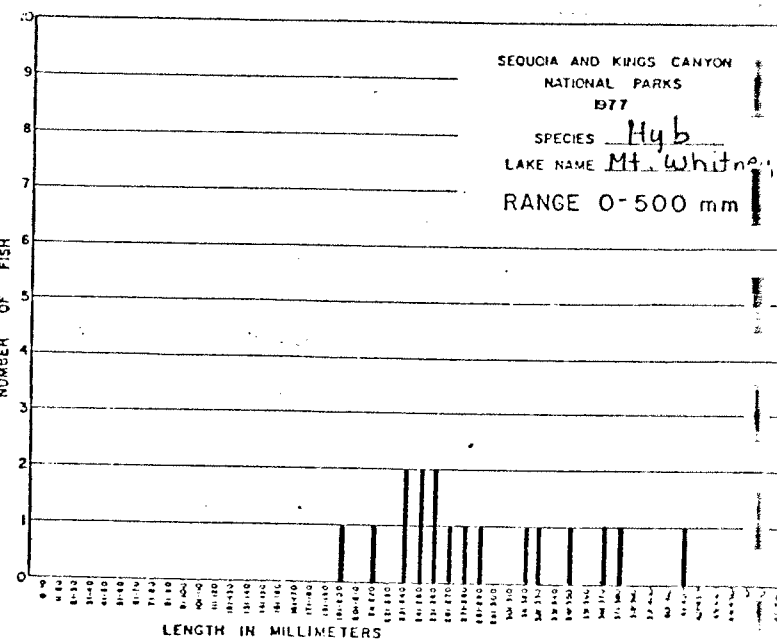

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Dumbbell 4
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

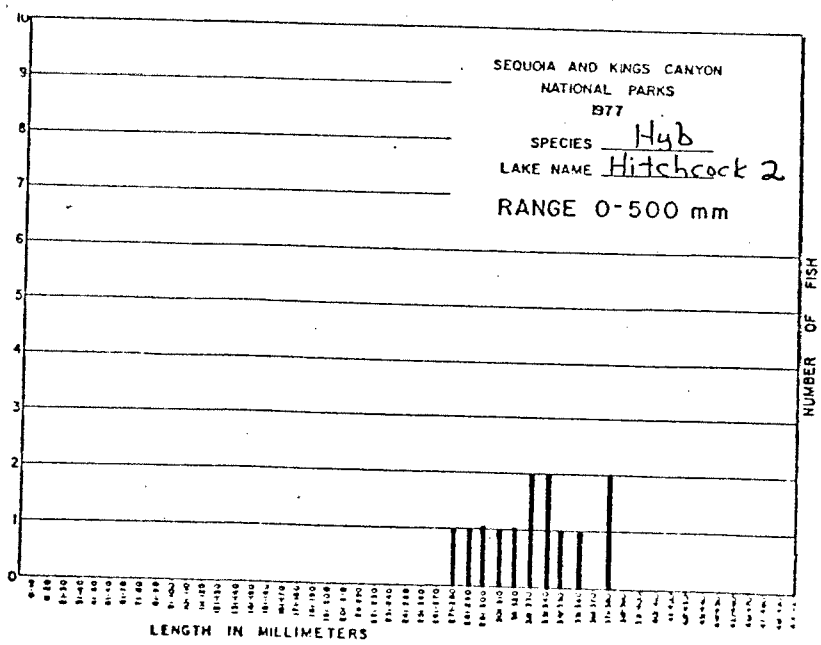

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Double-Eleven-
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

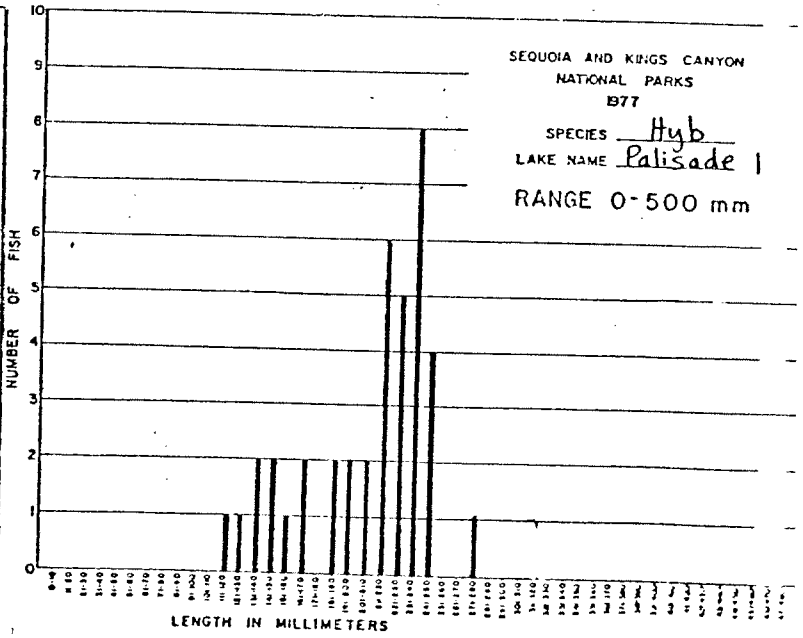

1977
SPECIES Hyb
LAKE NAME Glacier 2
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

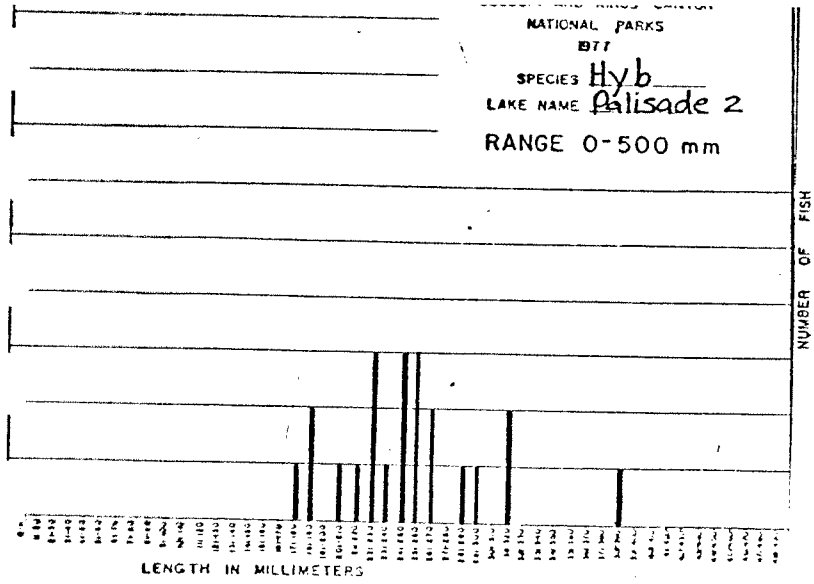

NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Martha
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

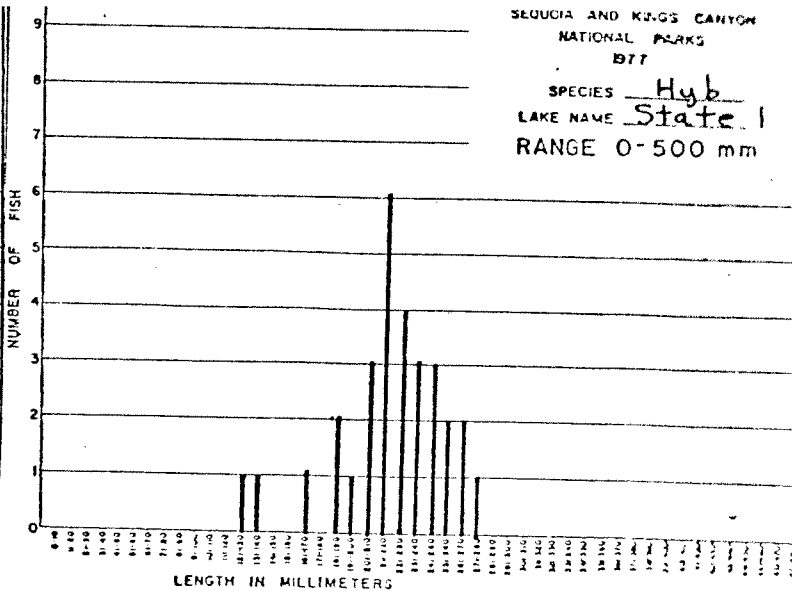

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Hitchcock 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS

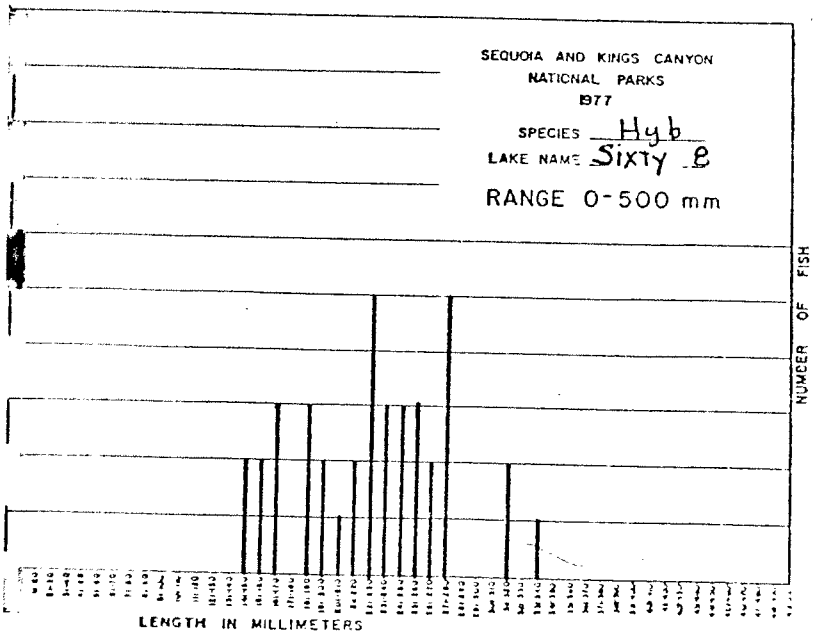

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Mt. Whitney
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

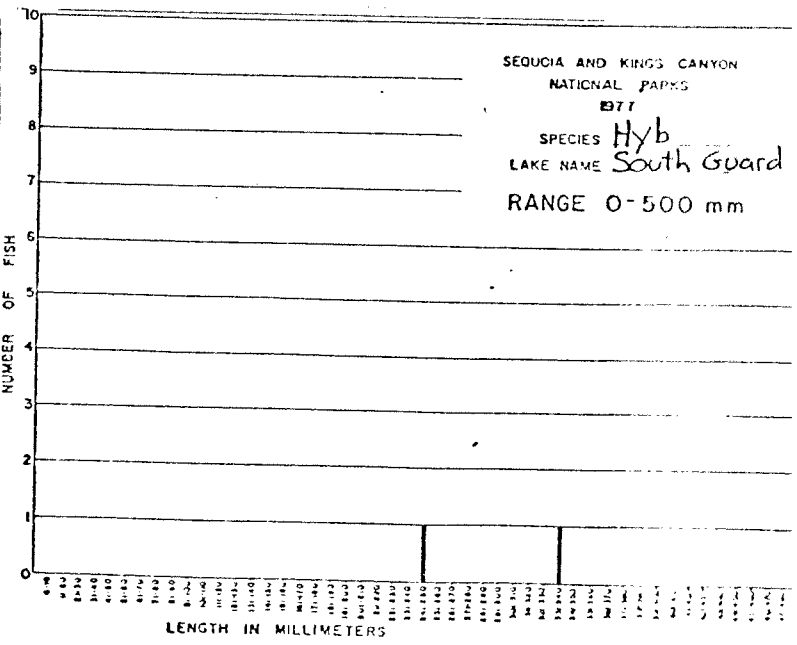

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Hitchcock 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

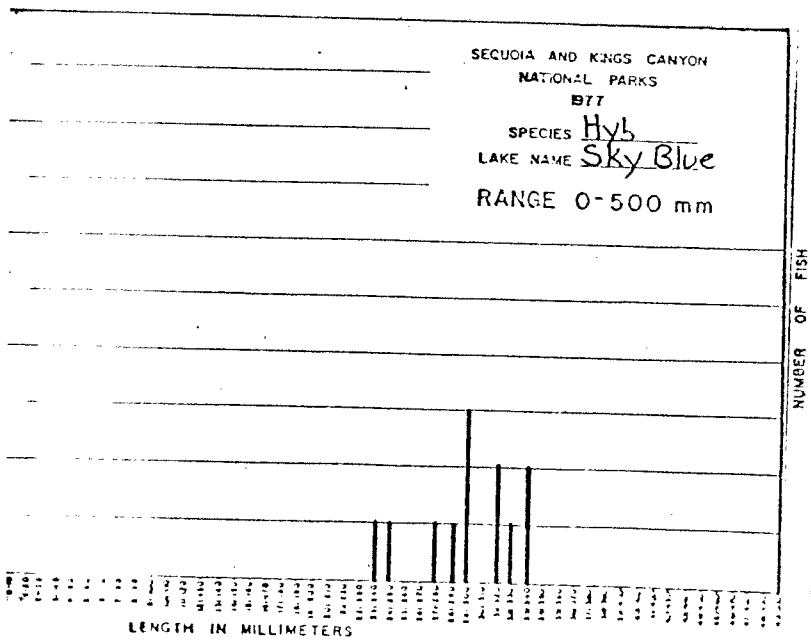

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Palisade 1
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

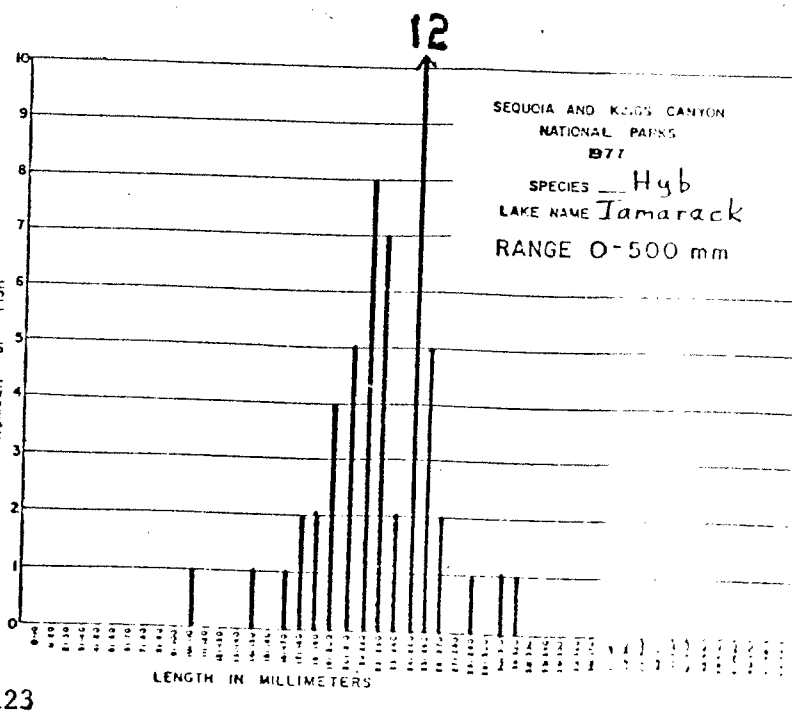

NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Palisade 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

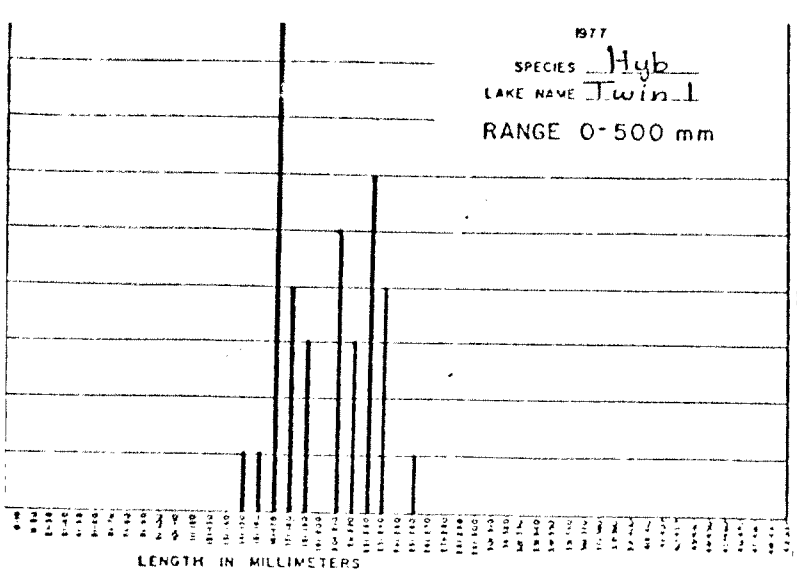

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME State 1
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

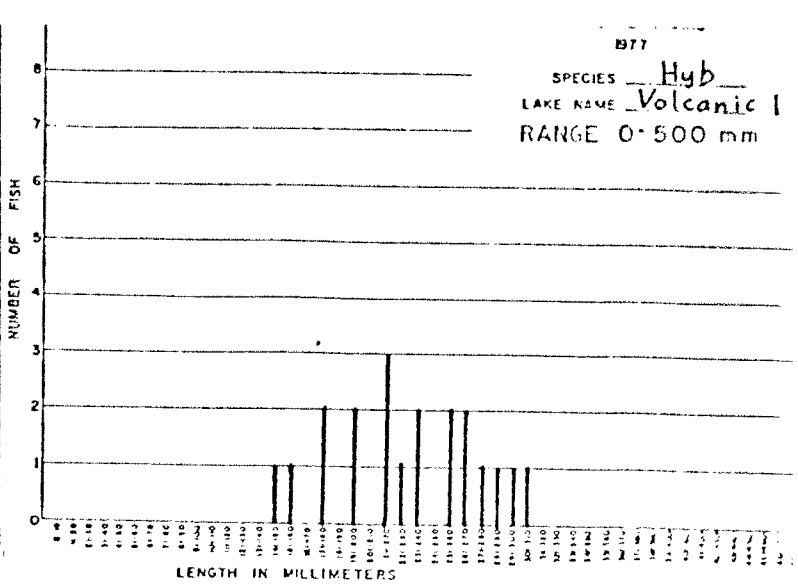

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Sixty 8
RANGE 0-500 mm
LENGTH IN MILLIMETERS

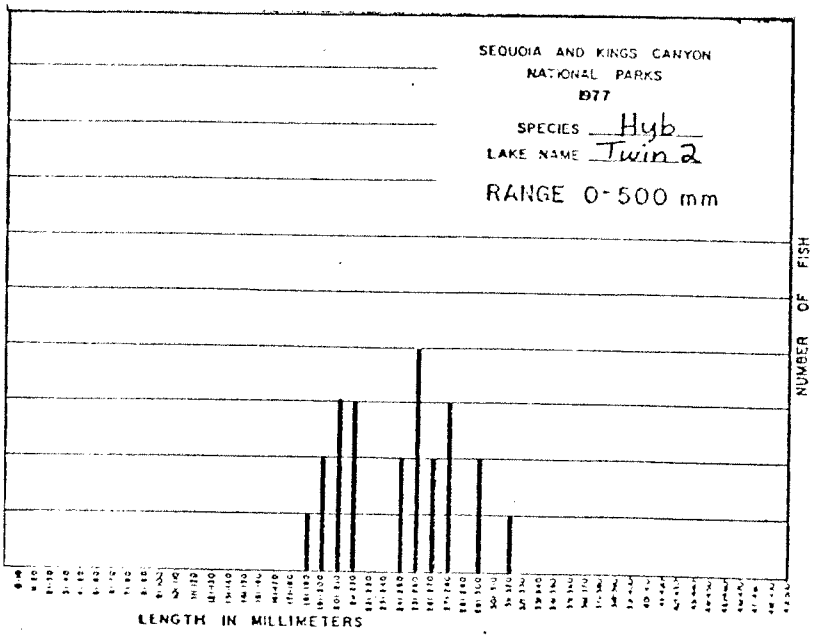

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME South Guard
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

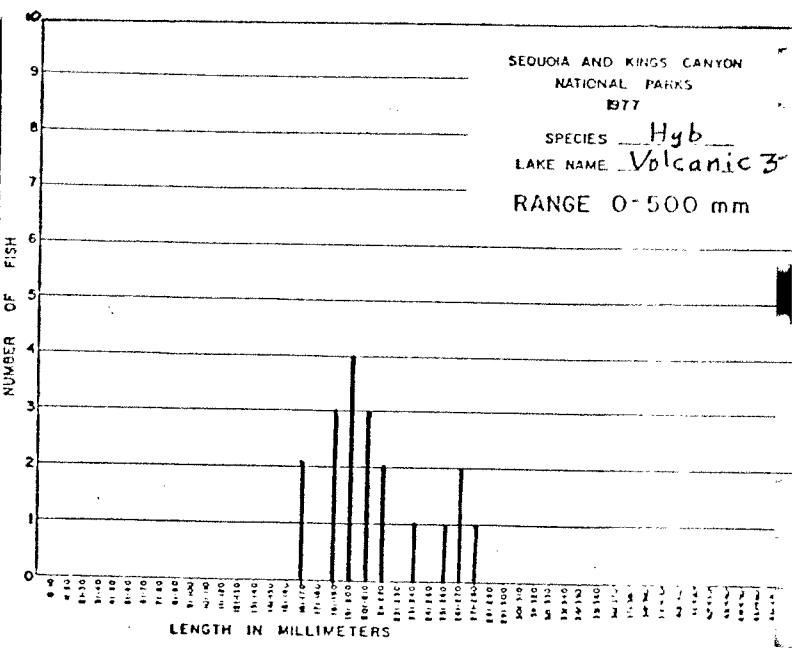

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Sky Blue
RANGE 0-500 mm
LENGTH IN MILLIMETERS

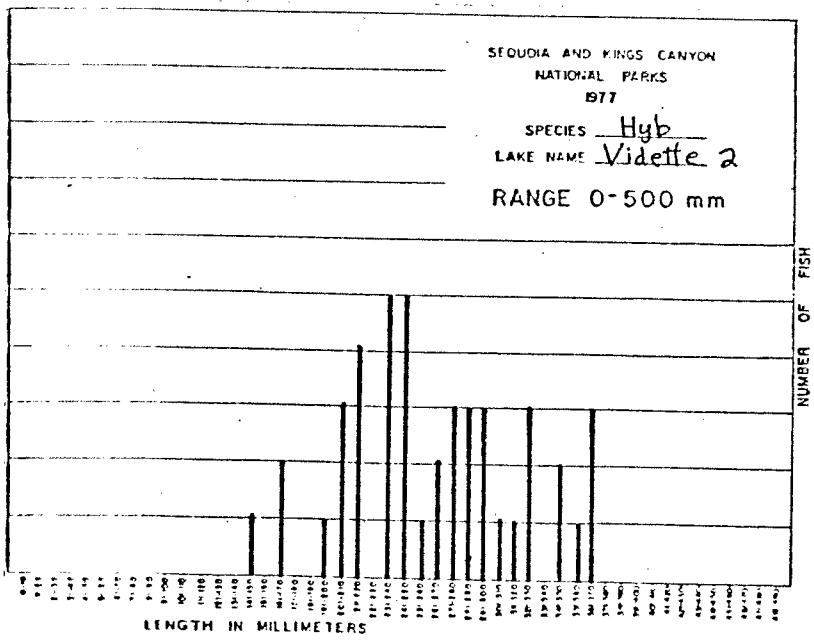

12
SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Tamarack
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

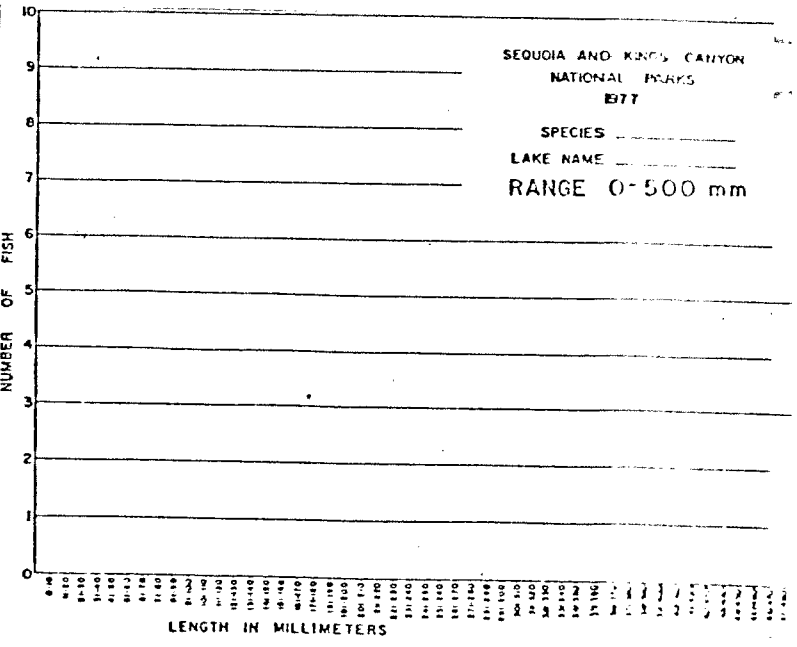

1977
SPECIES Hyb
LAKE NAME Twin 1
RANGE 0-500 mm
LENGTH IN MILLIMETERS


1977
SPECIES Hyb
LAKE NAME Volcanic 1
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS


SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Twin 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

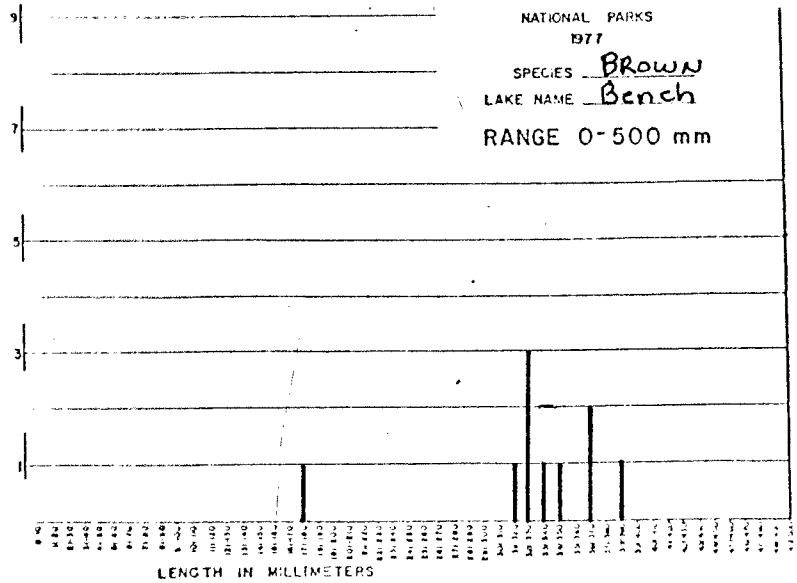

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Volcanic 3
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

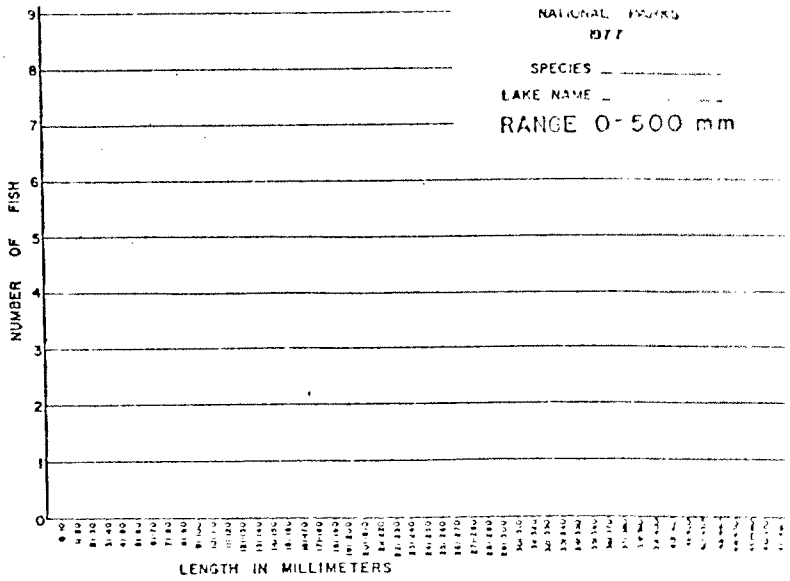

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES Hyb
LAKE NAME Vidette 2
RANGE 0-500 mm
LENGTH IN MILLIMETERS

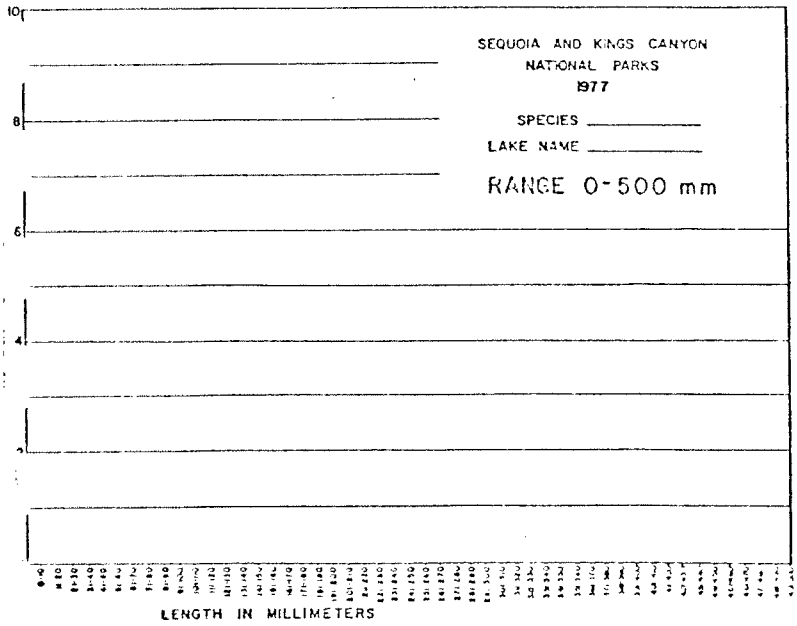

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

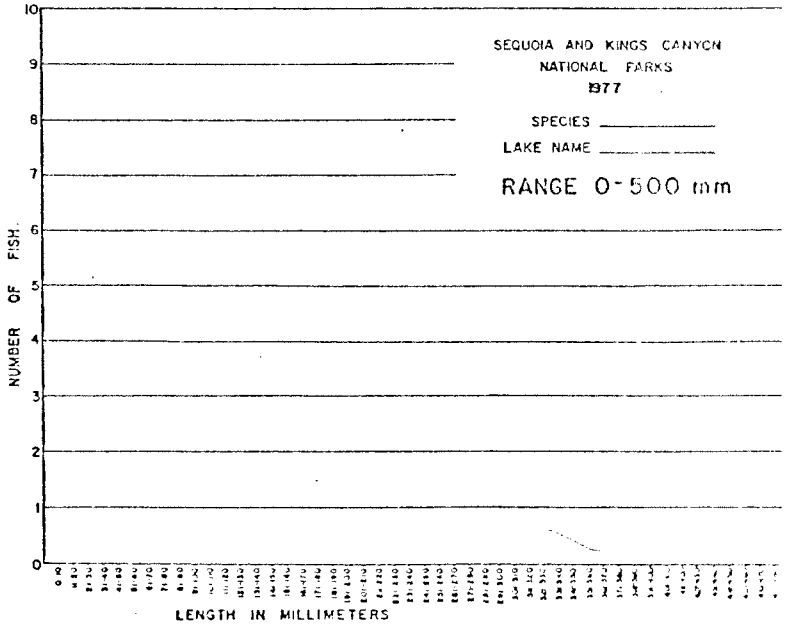
BR

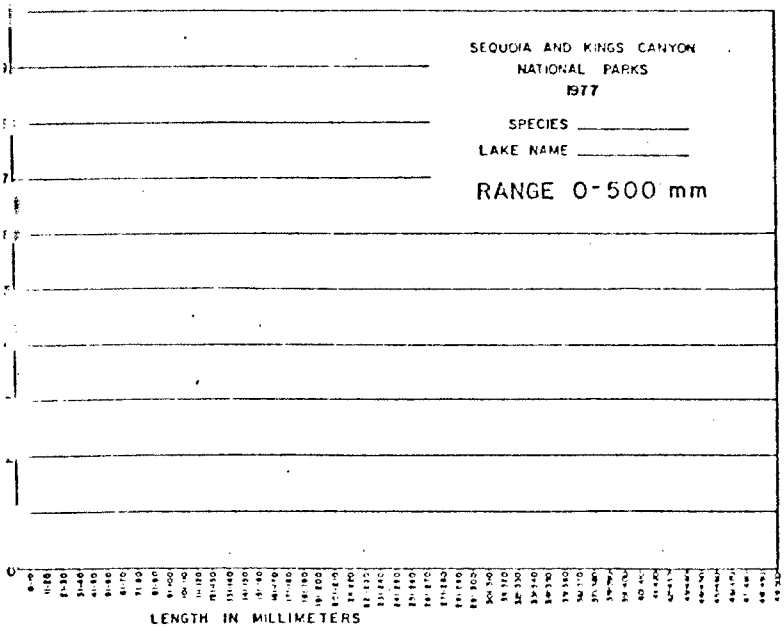
0-500

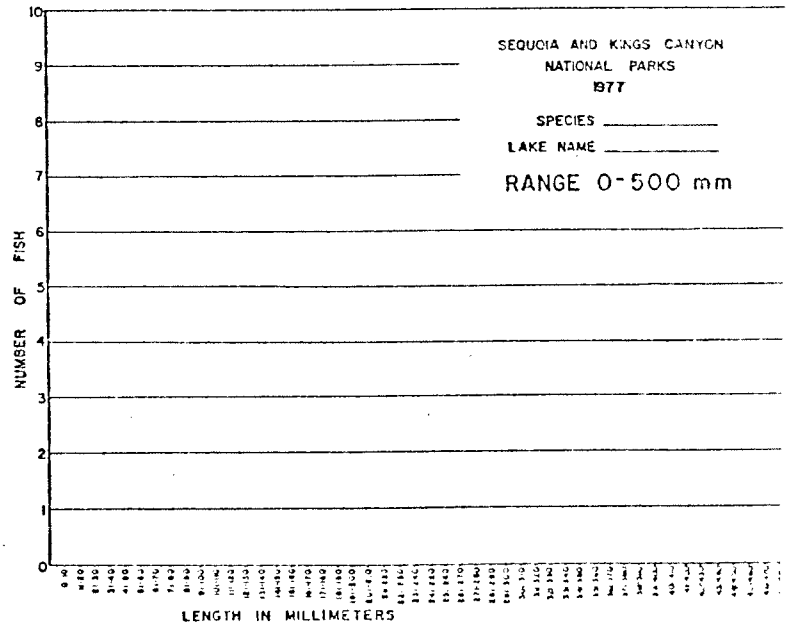

NATIONAL PARKS
1977
SPECIES BROWN
LAKE NAME Bench
RANGE 0-500 mm
LENGTH IN MILLIMETERS

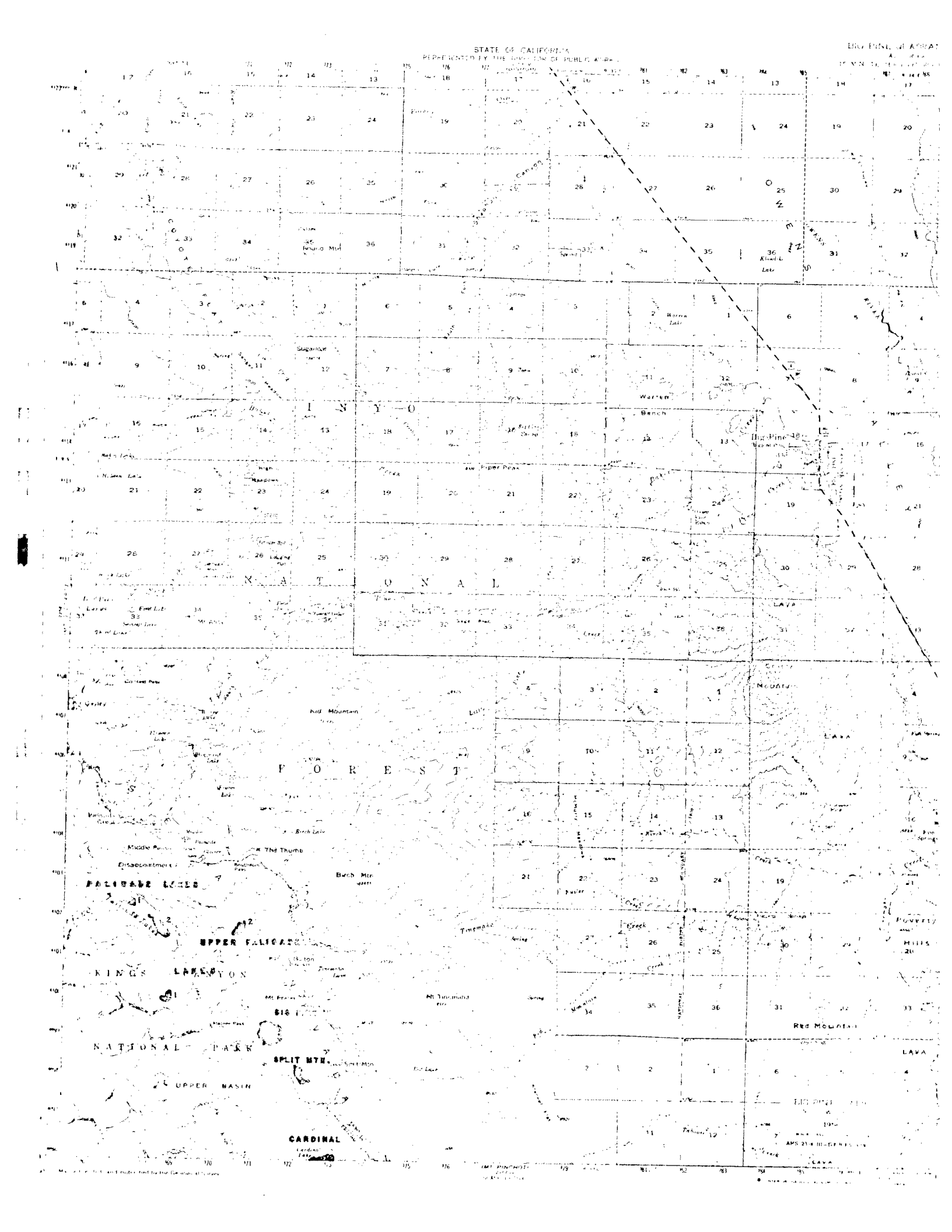

1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

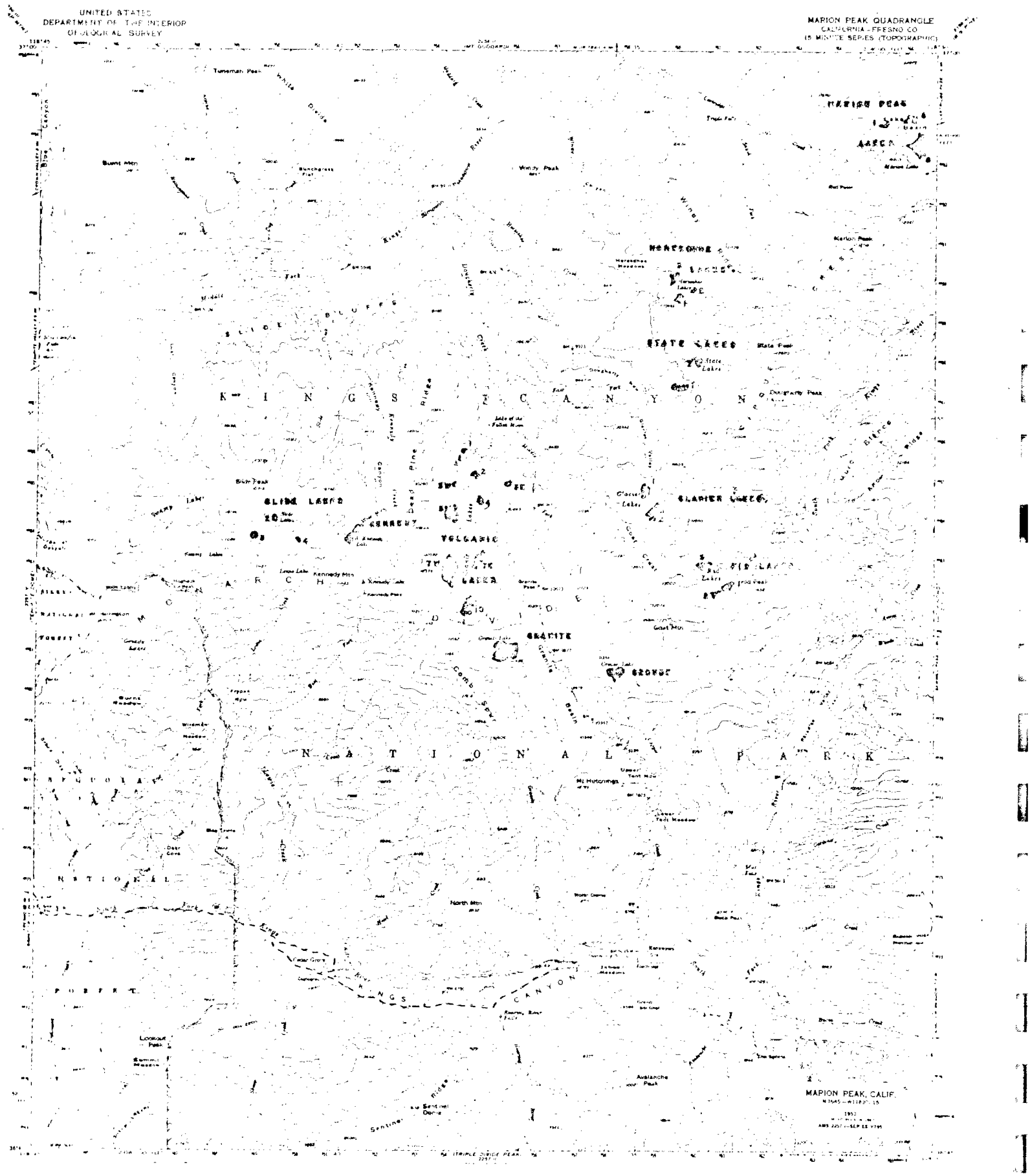

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
LENGTH IN MILLIMETERS

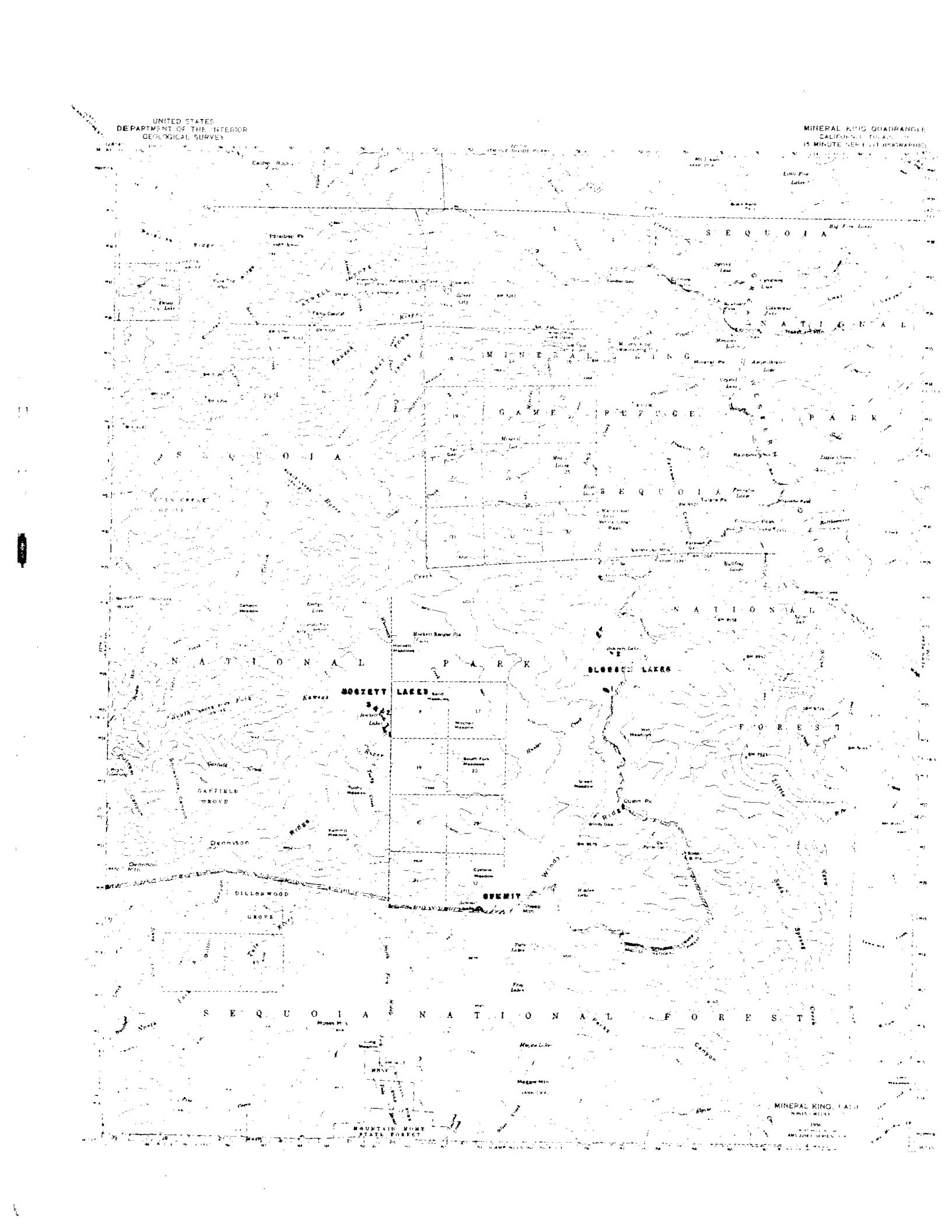

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

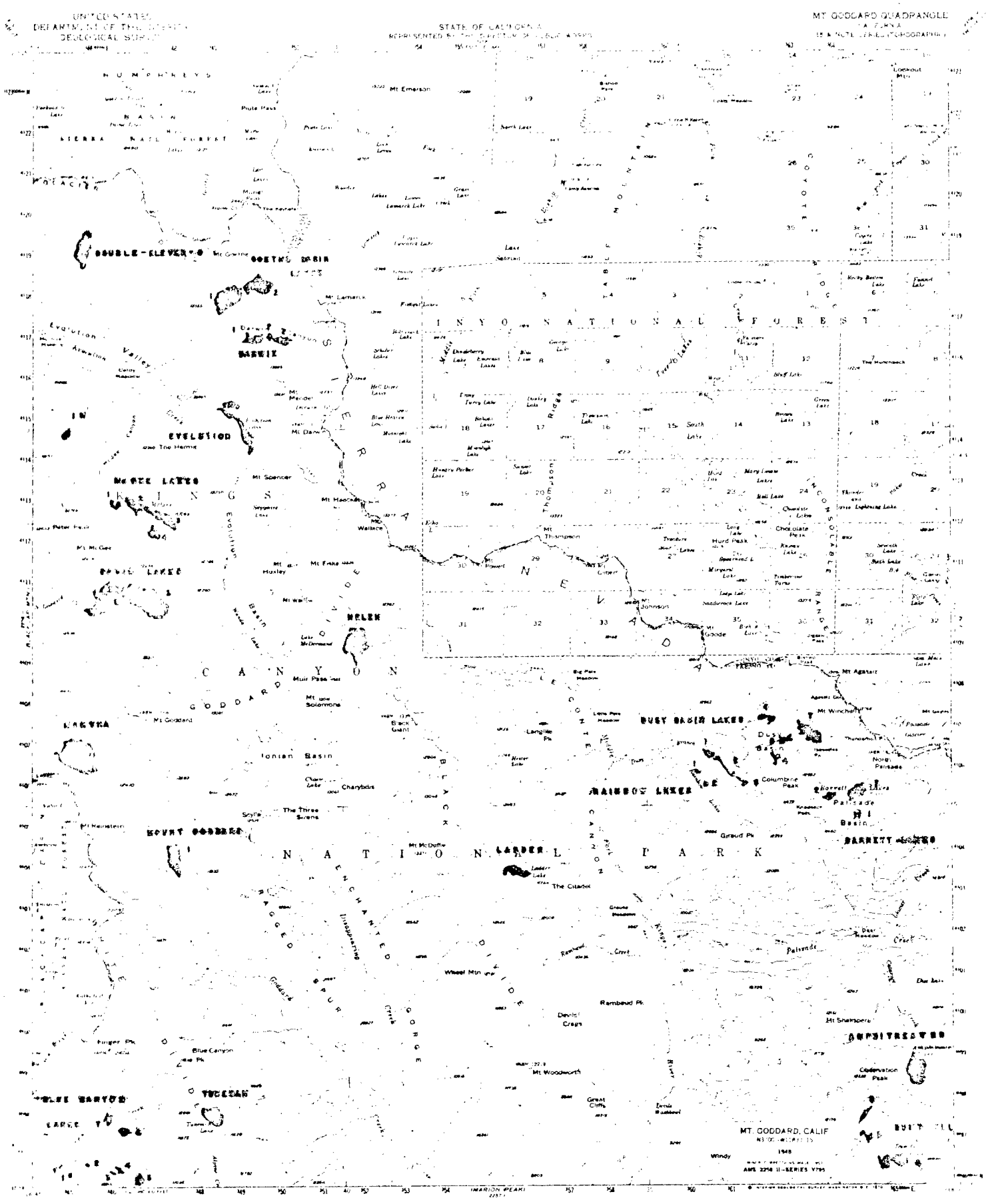

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
LENGTH IN MILLIMETERS

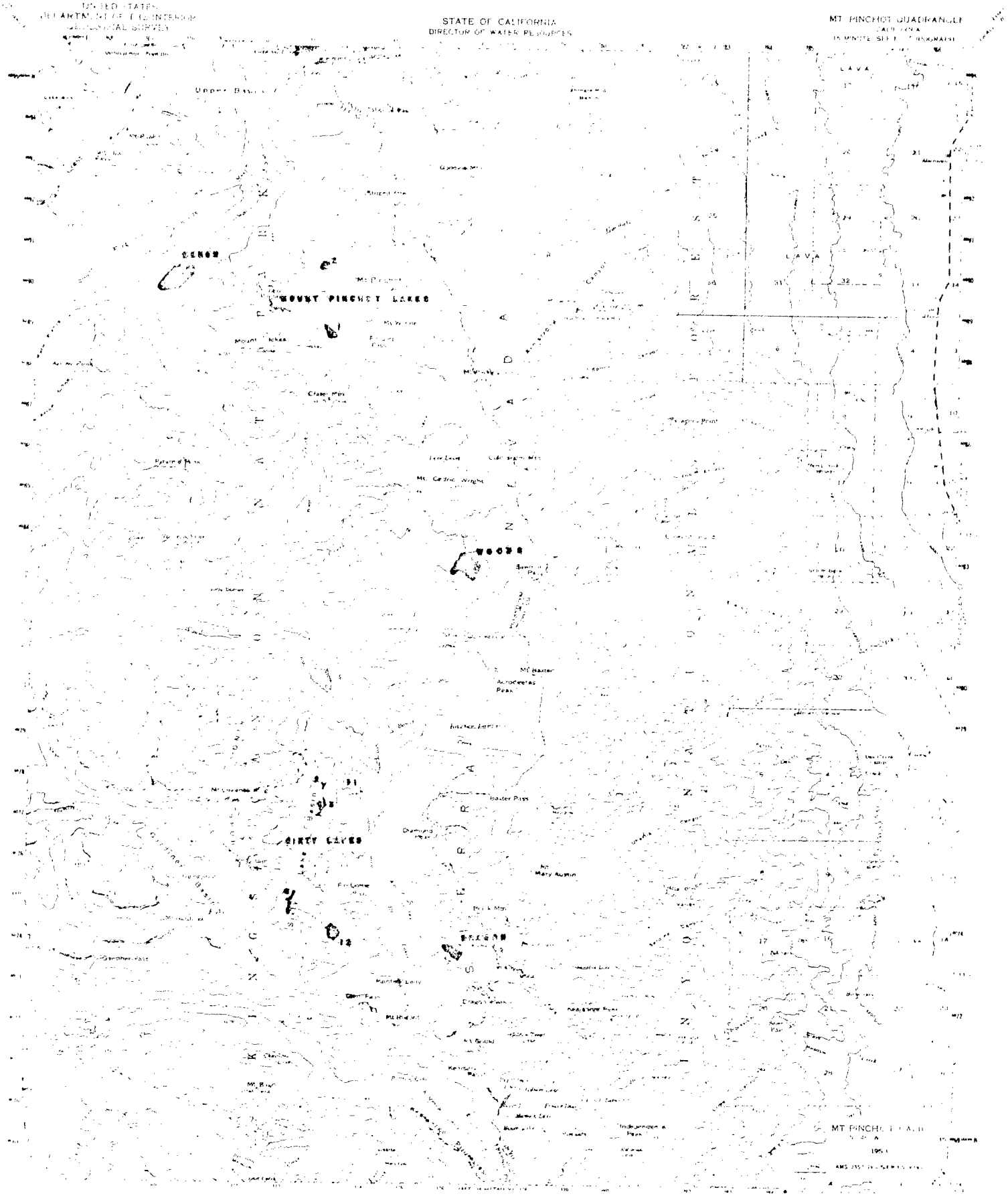

SEQUOIA AND KINGS CANYON
NATIONAL PARKS
1977
SPECIES
LAKE NAME
RANGE 0-500 mm
NUMBER OF FISH
LENGTH IN MILLIMETERS

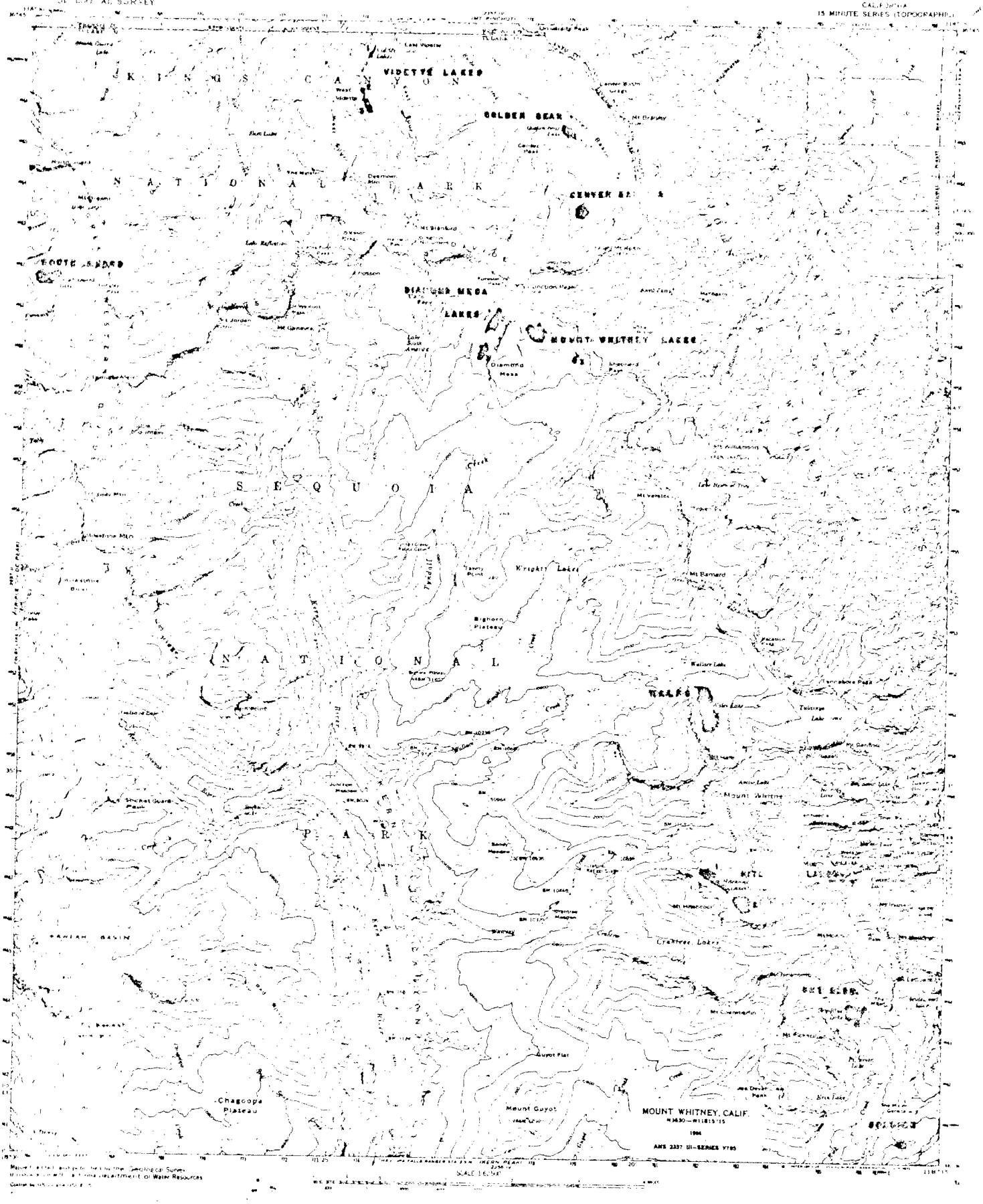

STATE OF CALIFORNIA
I N Y O
N A T O N A L
F O R E S T
Kid Mountain
Middle Palisade
The Thumb
Disappointment
PALISADE LAKES
UPPER PALISADES
KINGS
LAKES
NATIONAL PARK
SPLIT MTN.
UPPER BASIN
CARDINAL
Birch Mtn
Timemaha
Mt Tinemaha
Red Mountain
LAVA
Big Pine
Warren
Bench
Sugarloaf
Piper Peak
Shadow
Birch Lake
Mt Goddard

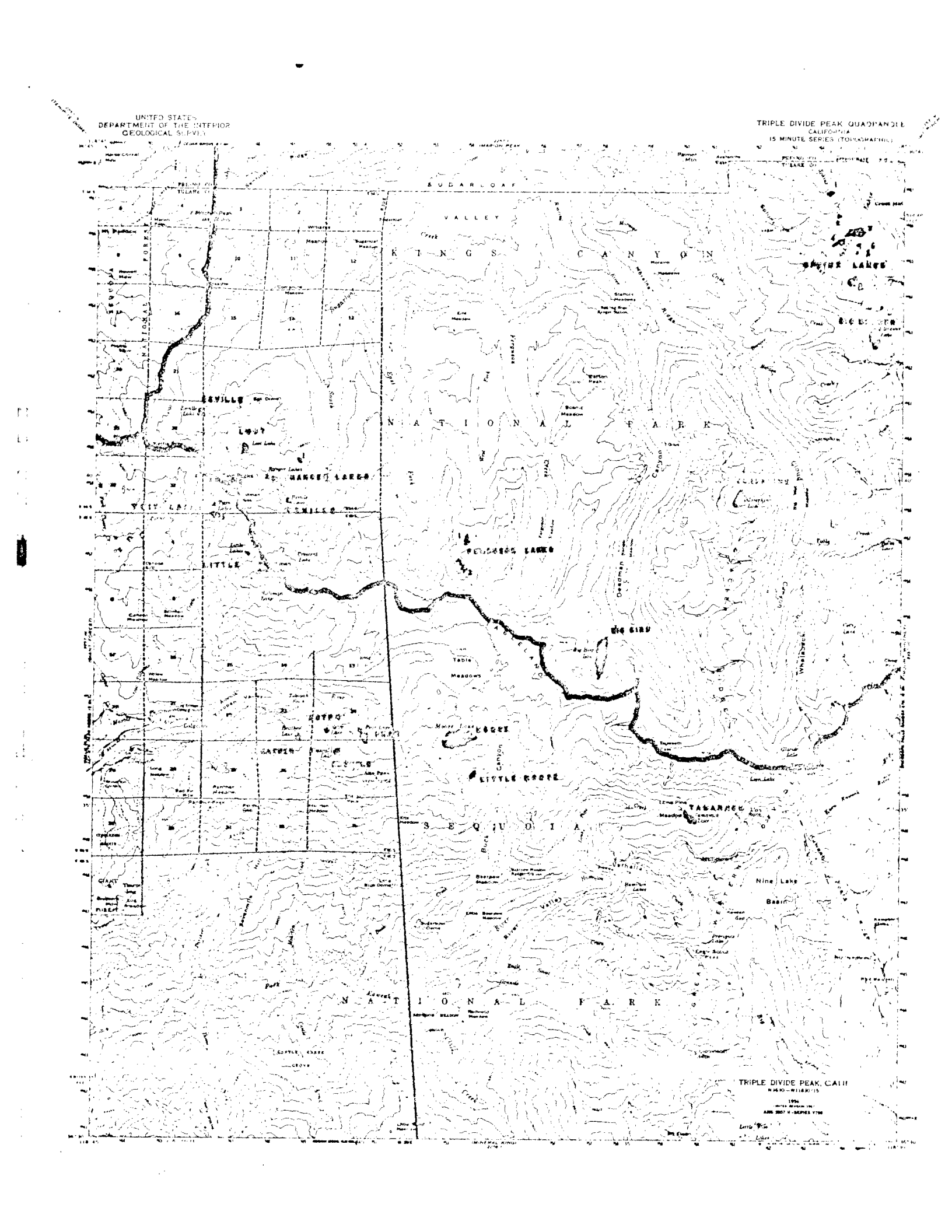

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MARION PEAK QUADRANGLE
CALIFORNIA-FRESNO CO.
15 MINUTE SERIES (TOPOGRAPHIC)
MARION PEAK
HORSESHOE LAKES
STATE LAKES
SLIDE BLUFFS
K I N G S C A N Y O N
SLIDE LAKES
GENERAL
TOLGARIC
LAKES
GLACIER LAKES
FIN LAKE
GRANITE
GEORGE
N A T I O N A L P A R K
FOREST
KINGS CANYON
MAPION PEAK, CALIF.


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MINERAL KING QUADRANGLE
SEQUOIA
NATIONAL
PARK
GAME PRESERVE
BOCZETT LAKES
BLOSSOM LAKES
FOREST
GARFIELD GROVE
DILLONWOOD GROVE
SUMMIT
MOUNTAIN HOME STATE FOREST
MINERAL KING, CALIF.


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
STATE OF CALIFORNIA
MT. GODDARD QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
INYO NATIONAL FOREST
SIERRA NEVADA
NATIONAL PARK
MT. GODDARD, CALIF.
1948
AMS 3258 II-SERIES V795


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
STATE OF CALIFORNIA
DIRECTOR OF WATER RESOURCES
MT. PINCHOT QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)
LAVA
LAVA
Upper Basin
GENOA
MOUNT PINCHOT LAKES
Mt. Pinchot
Mount Tickea
Mt. Cedric Wright
WOODS
Mt. Baxter
Arrowhead Peak
Baxter Pass
DIRTY LAKES
Mt. Mary Austin
Bull L. Mtn.
PEAVINE
Mt. Bigler
Independence Peak
MT PINCHOT QUAD
1955
AMS 3157 IV-SERIES V881


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MOUNT WHITNEY QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)
KINGS CANYON
NATIONAL PARK
SEQUOIA
NATIONAL
PARK
VIDETTE LAKES
GOLDEN BEAR
CENTER BASIN
SOUTH BASIN
DIAMOND MESA
LAKES
MOUNT WHITNEY LAKES
Diamond Mesa
Knight Lakes
Big Horn Plateau
Mt Barnard
Mount Whitney
Crabtree Lakes
Guyot Flat
Mount Guyot
Chagoopa Plateau
KAWEAH BASIN
MOUNT WHITNEY, CALIF.
N3630—W11815/15
1956
AMS 2337 III—SERIES V795
SCALE 1:62,500


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
TRIPLE DIVIDE PEAK QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)
SUGARLOAF
VALLEY
K I N G S C A N Y O N
N A T I O N A L P A R K
SEQUOIA
NATIONAL FOREST
LOOKOUT
MARGE LAKES
LITTLE
ROCKS
BIG BIRD
LITTLE ROCKS
TABARROCK
Nine Lake
Basin
S E Q U O I A
N A T I O N A L P A R K
TRIPLE DIVIDE PEAK, CALIF.

# A COLLECTION OF PHOTOGRAPHS

(that illustrate some conditions
found at representative lakes,
methods used in conduct of survey,
and species of trouts collected)



Effects of drought on inlet stream at State Lake No. 2. August 2, 1977



Heavily overgrown inlet to Horseshoe Lake No. 1. August 12, 1977



Inlet stream suitable for
spawning at Seville Lake
June 30, 1977



Peter Johnson (in boat) and Ted Blank
set net in Aster Lake. June 15, 1977



Tamerack Lake rainbow-golden hybrid entangled in gill net. June 23, 1977



David Schultz displays eggs of mature female rainbow. Josephine Lake, June 21, 1977.



Ted Blank untangles gill net as it is set in Aster Lake. June 15, 1977



Ready to set in Big Bird Lake. June 21, 1977



Project Supervisor Maurice Zardus



Gravel suitable for spawning in inlet to
Sixty Lakes No. 2. July 15, 1977



Area of Sphinx No.2 inlet
(No. 3 outlet) passing
entirely under boulders.
July 17, 1977



Net catch of eastern brook trout from Seville Lake. Ruler in photo is 380 mm (15 inches) long. June 30, 1977



David Schultz displays catch of rainbows from Ranger Lake No. 2. July 2, 1977



Peter Johnson angling at Ferguson Lake No. 2
June 22, 1977



Robert Simerly arrives at Big Brewer Lake.
July 13, 1977




David Schultz readies to board Park helicopter at Josephine Lake. June 22, 1977



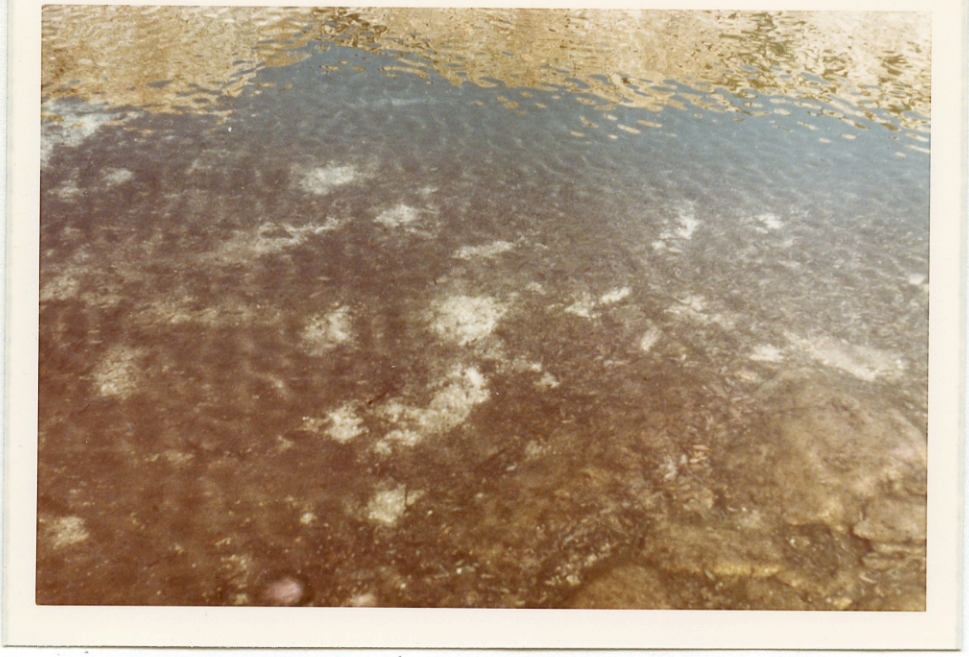
Peter Johnson weighs Kid Lake No. 2 lake catch. August 16, 1977



Example of rainbow-golden hybrids found in many of the Parks lakes. Vidette Lake No. 2. Ruler in photo is 380mm (15 inches). July 16, 1977



Robert Simerly displays net catch from State Lake No. 2. August 11, 1977



Redds near inlet of Josephine Lake
confirm spawning activity. June 21, 1977



Tamerack Lake net catch. Ruler in photo
is 12 inches long. June 23, 1977