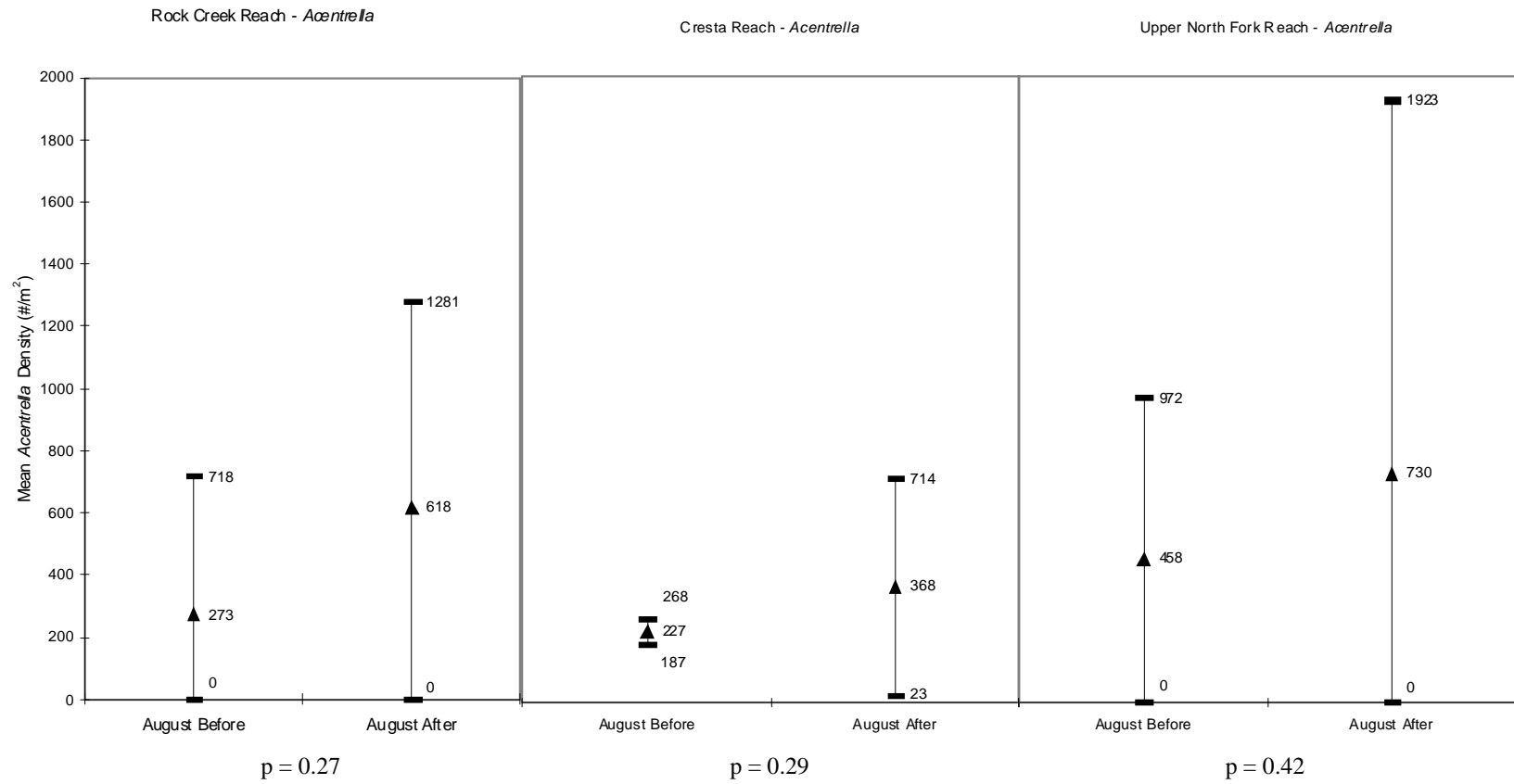
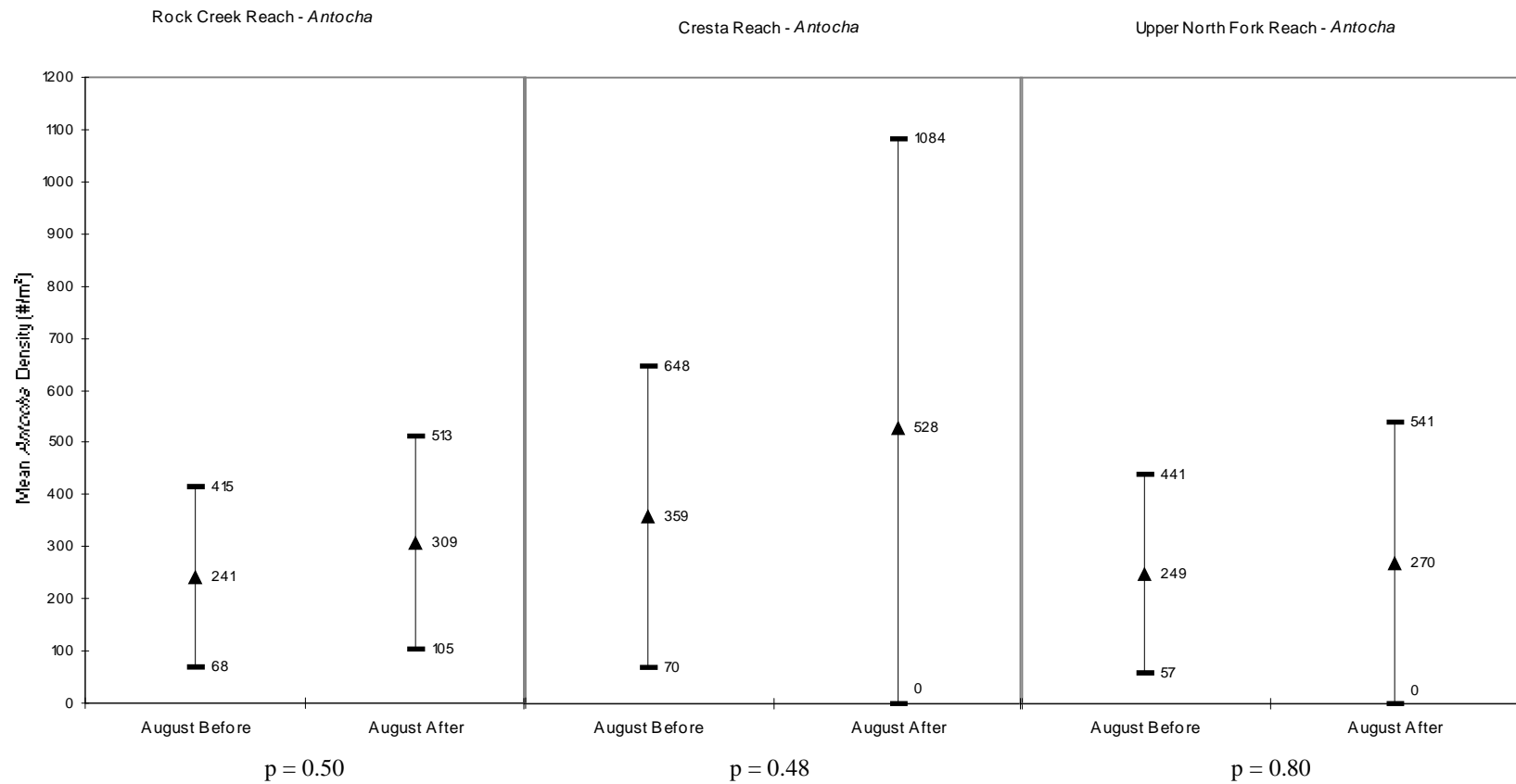


Figure 5.1-1. Daily Mean Temperature in the Rock Creek and Cresta Reaches of the North Fork Feather River, 2007 (Water Temperature Data not Available for UNF Reach).



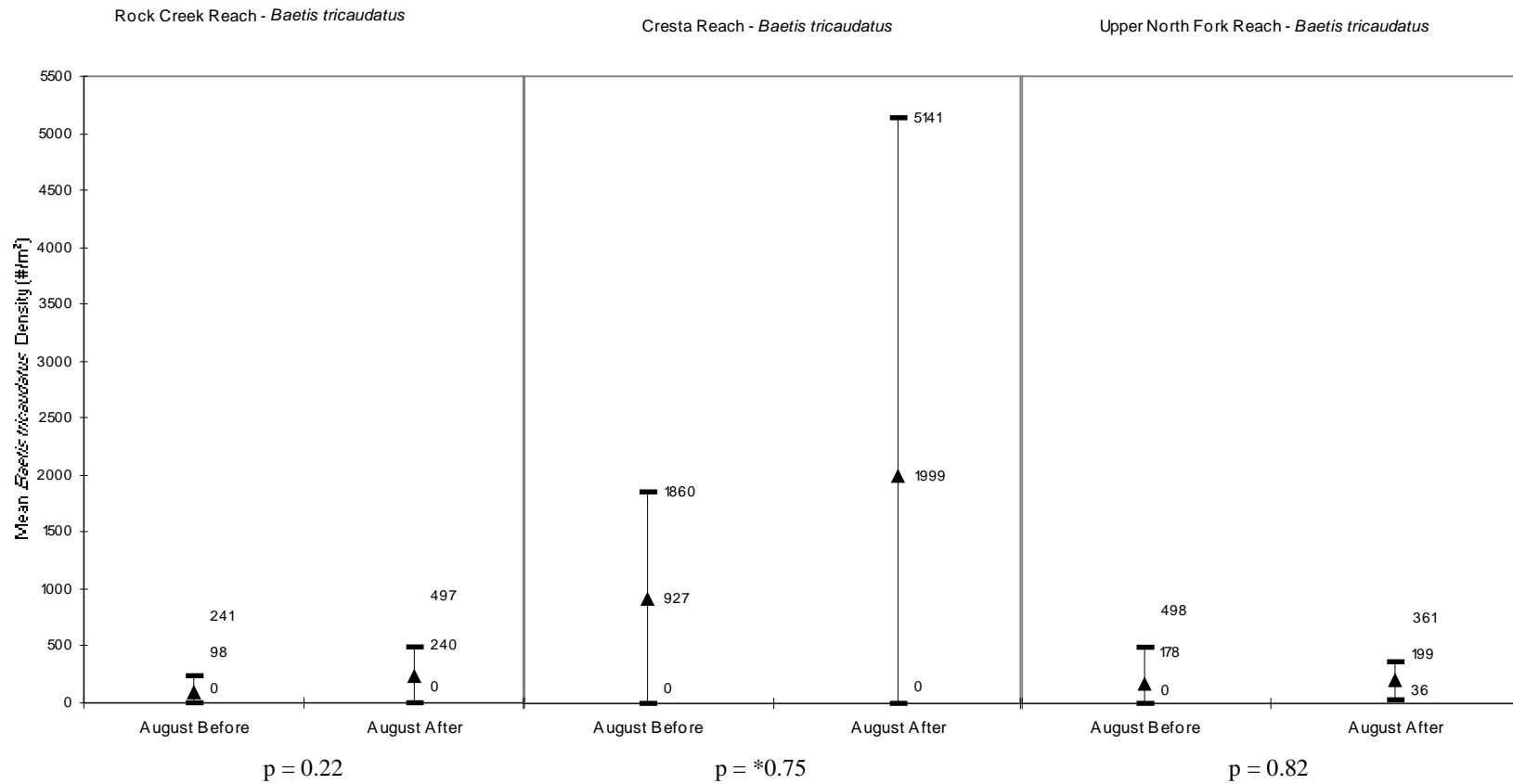
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-2. Mean Density for *Acentrella* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



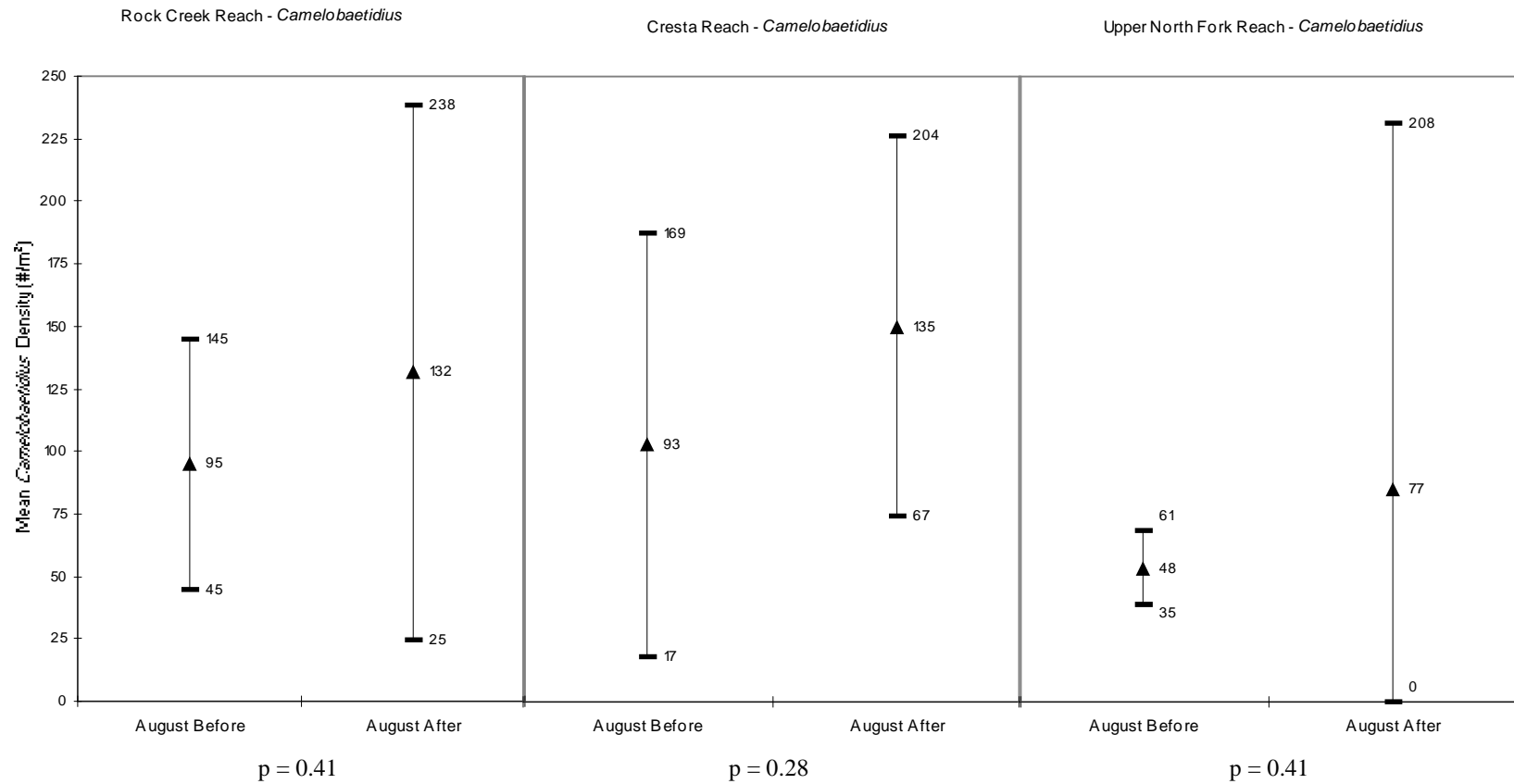
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-3. Mean Density for *Antocha* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



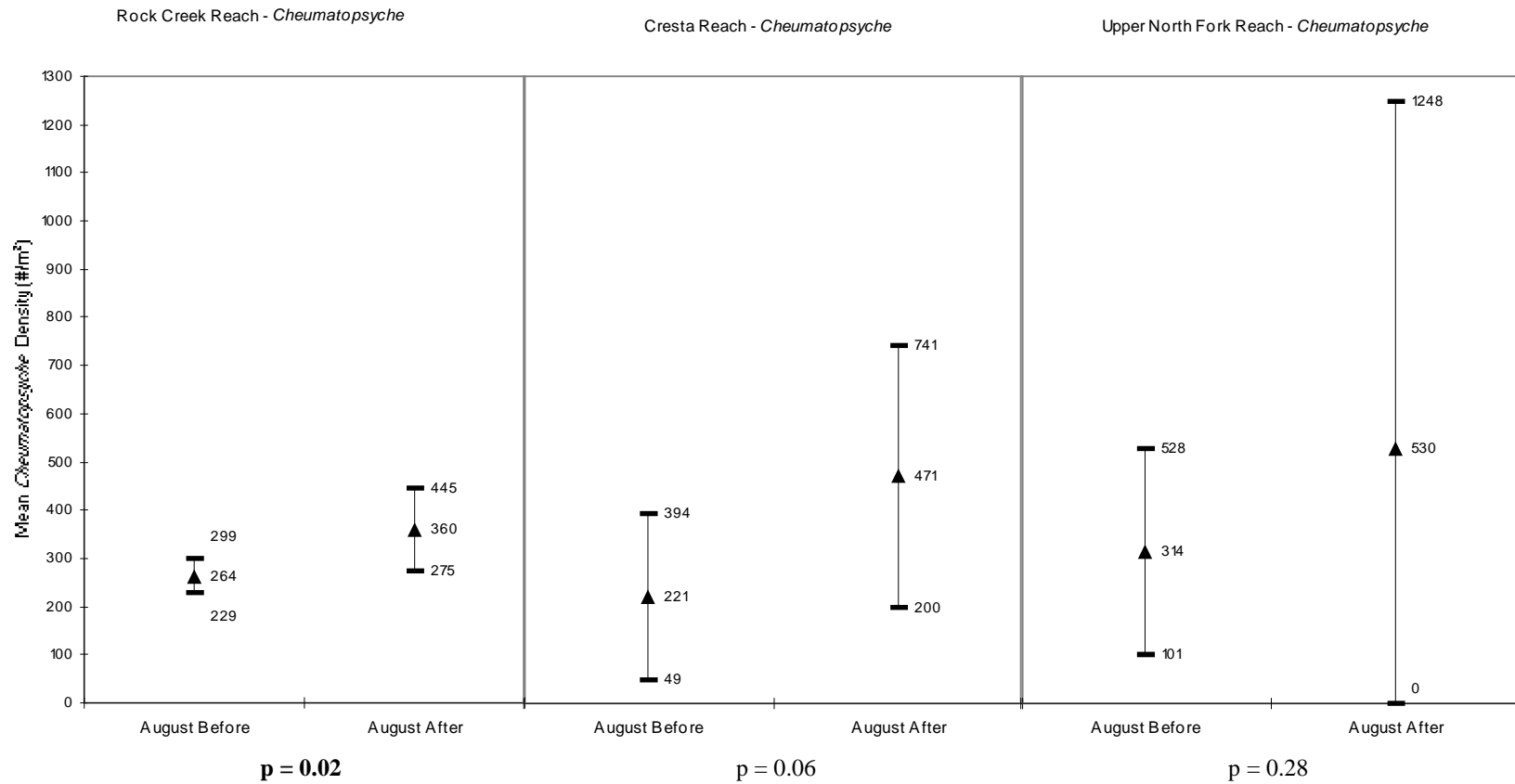
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-4. Mean Density for *Baetis tricaudatus* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



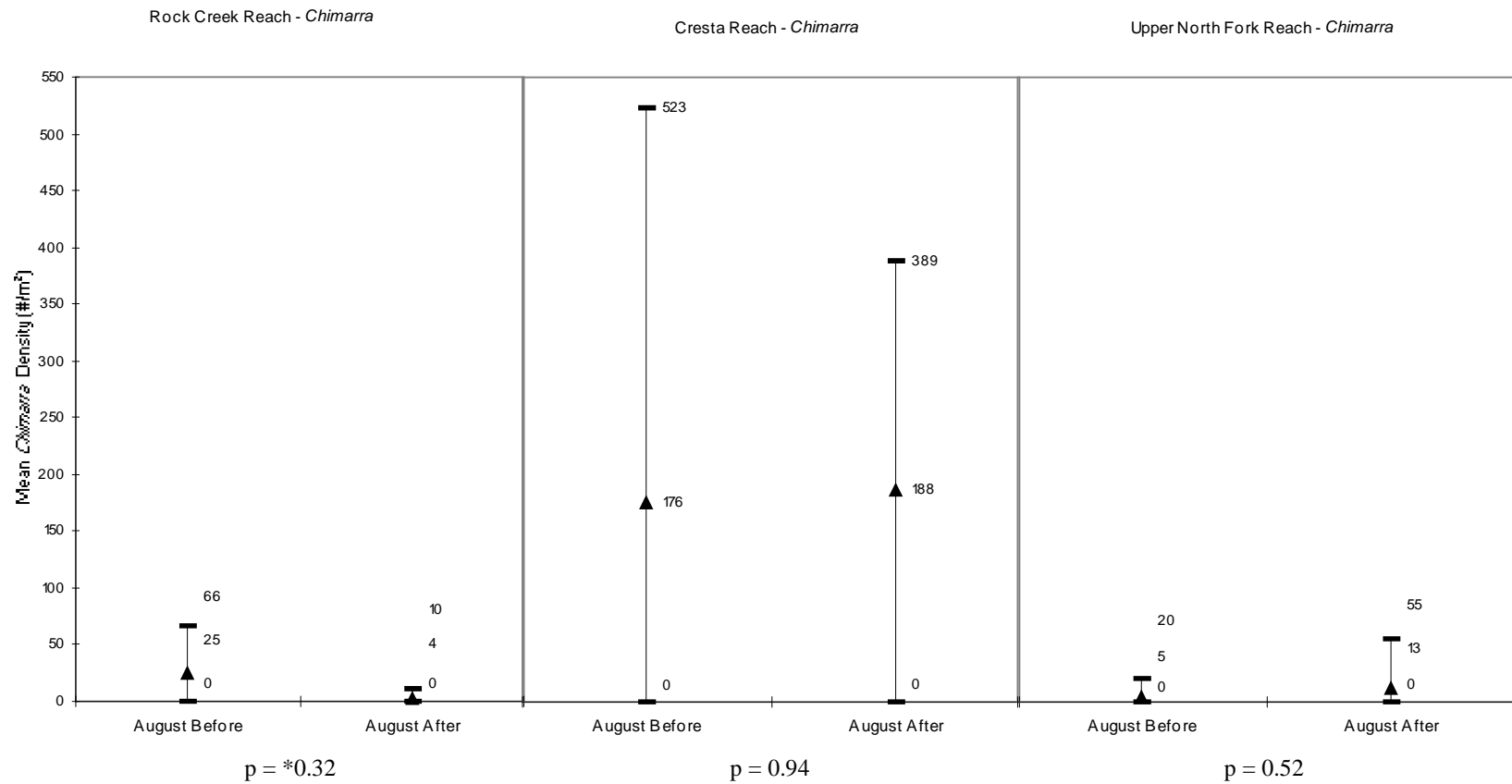
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-5. Mean Density for *Camelobaetidius* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



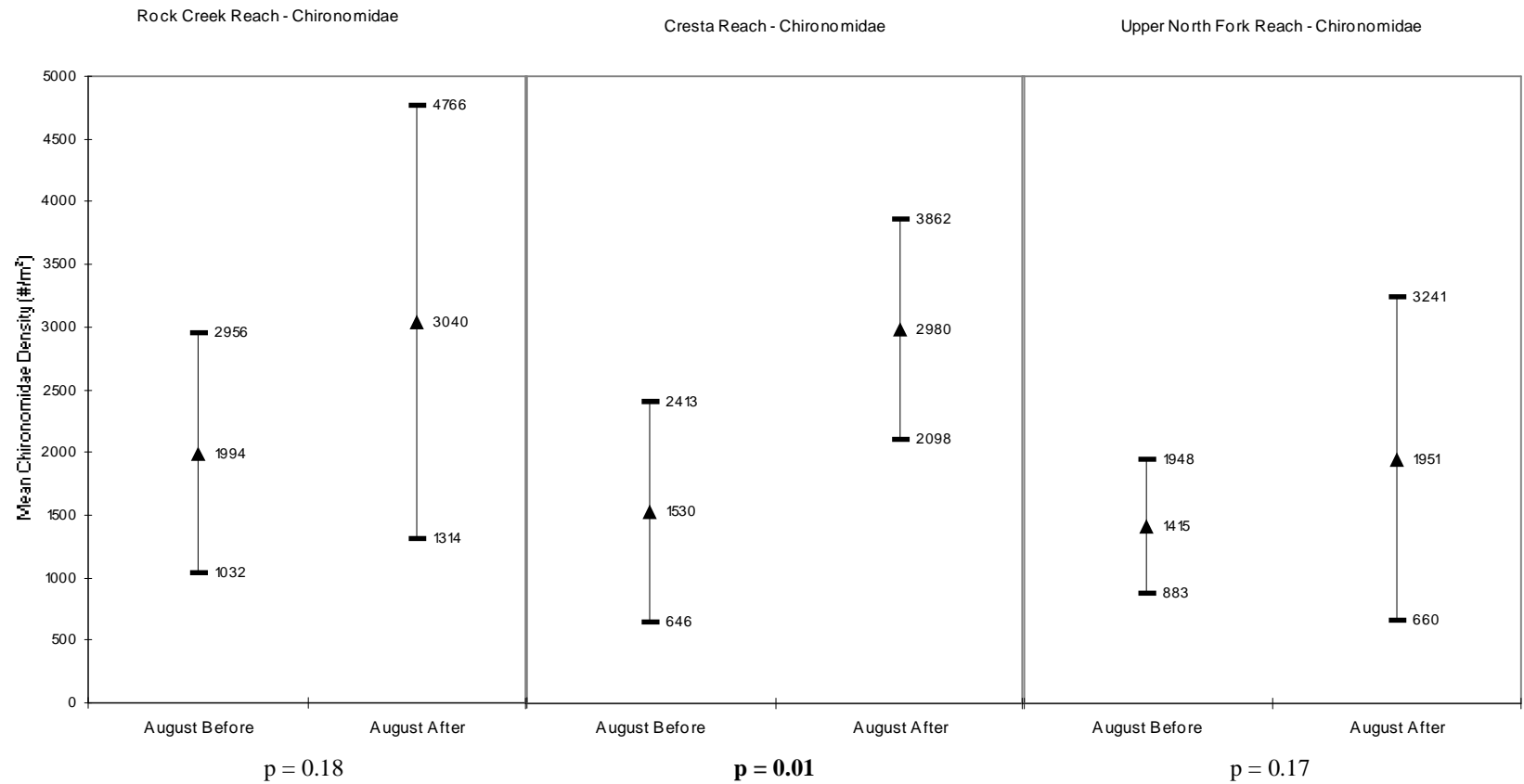
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-6. Mean Density for *Cheumatopsyche* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



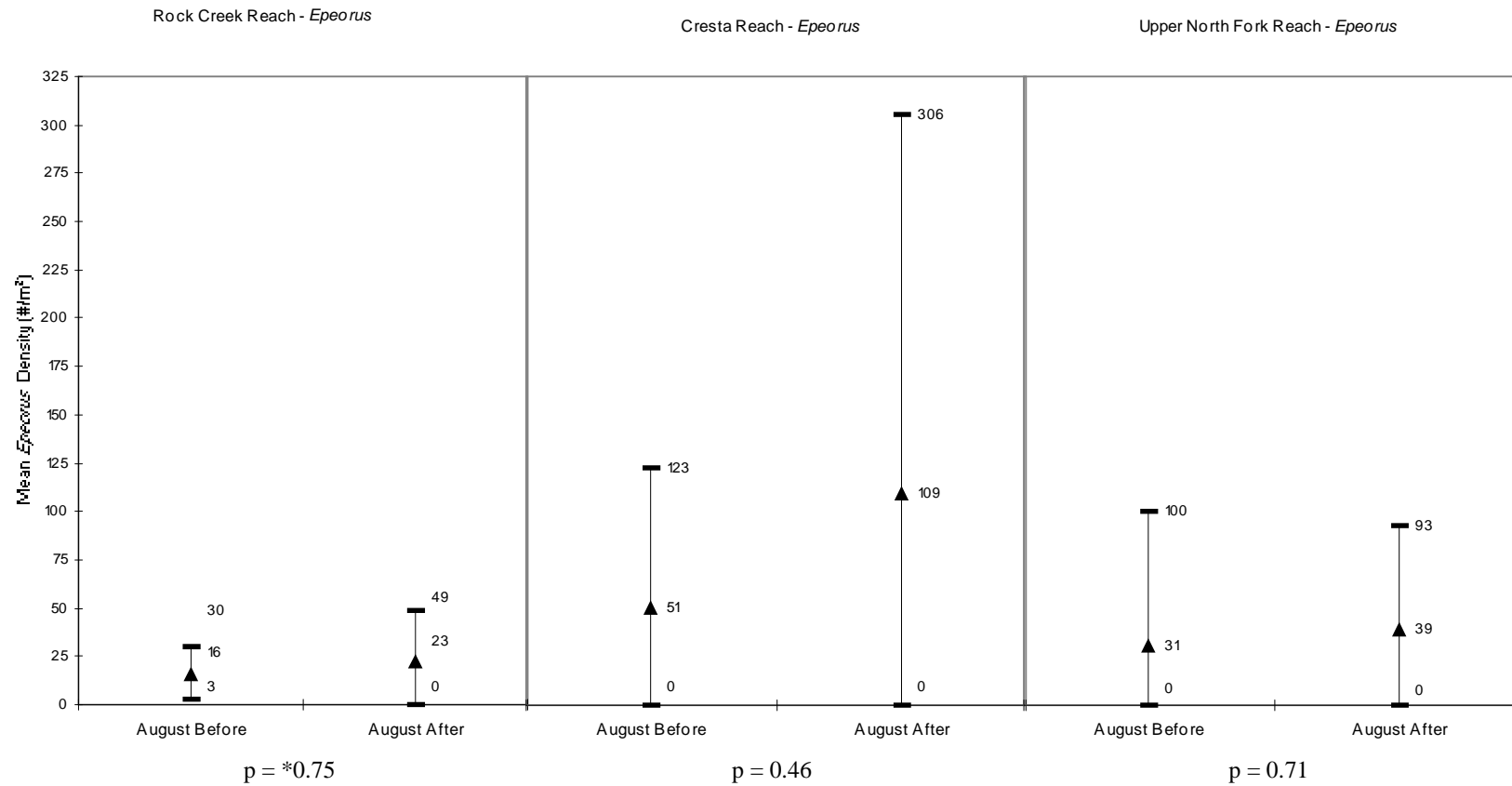
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-7. Mean Density for *Chimarra* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



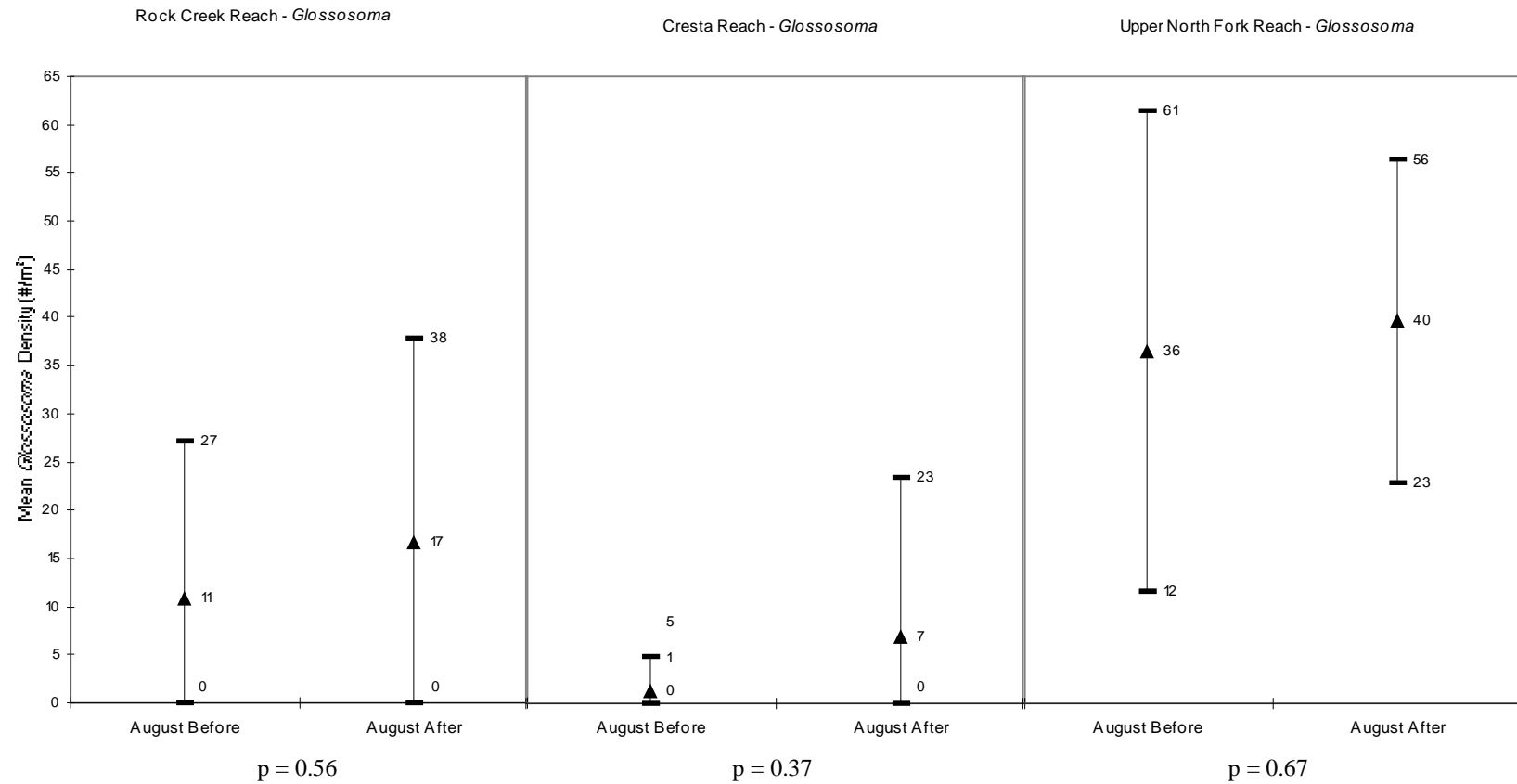
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-8. Mean Density for Chironomidae with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



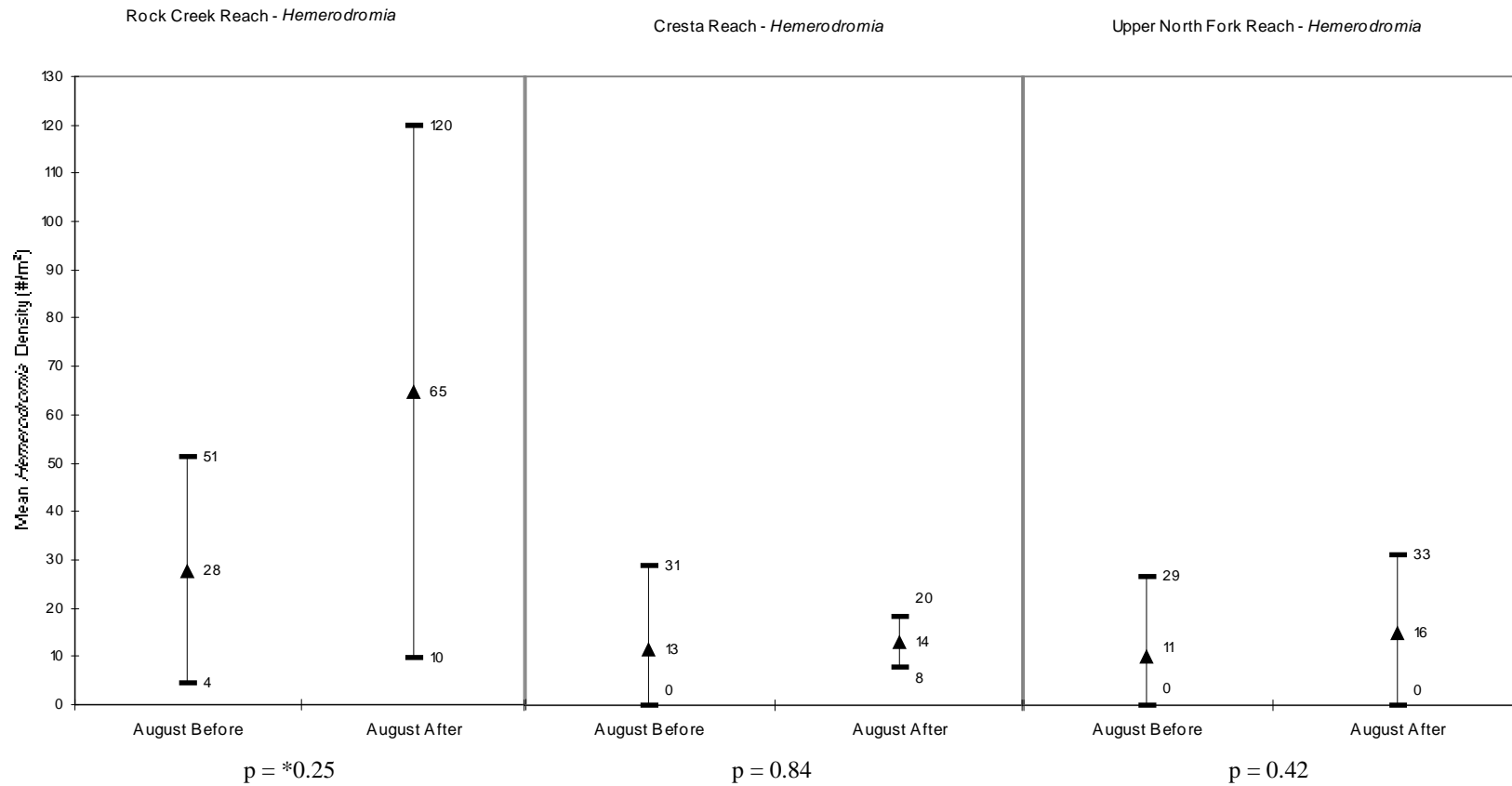
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-9. Mean Density for *Epeorus* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



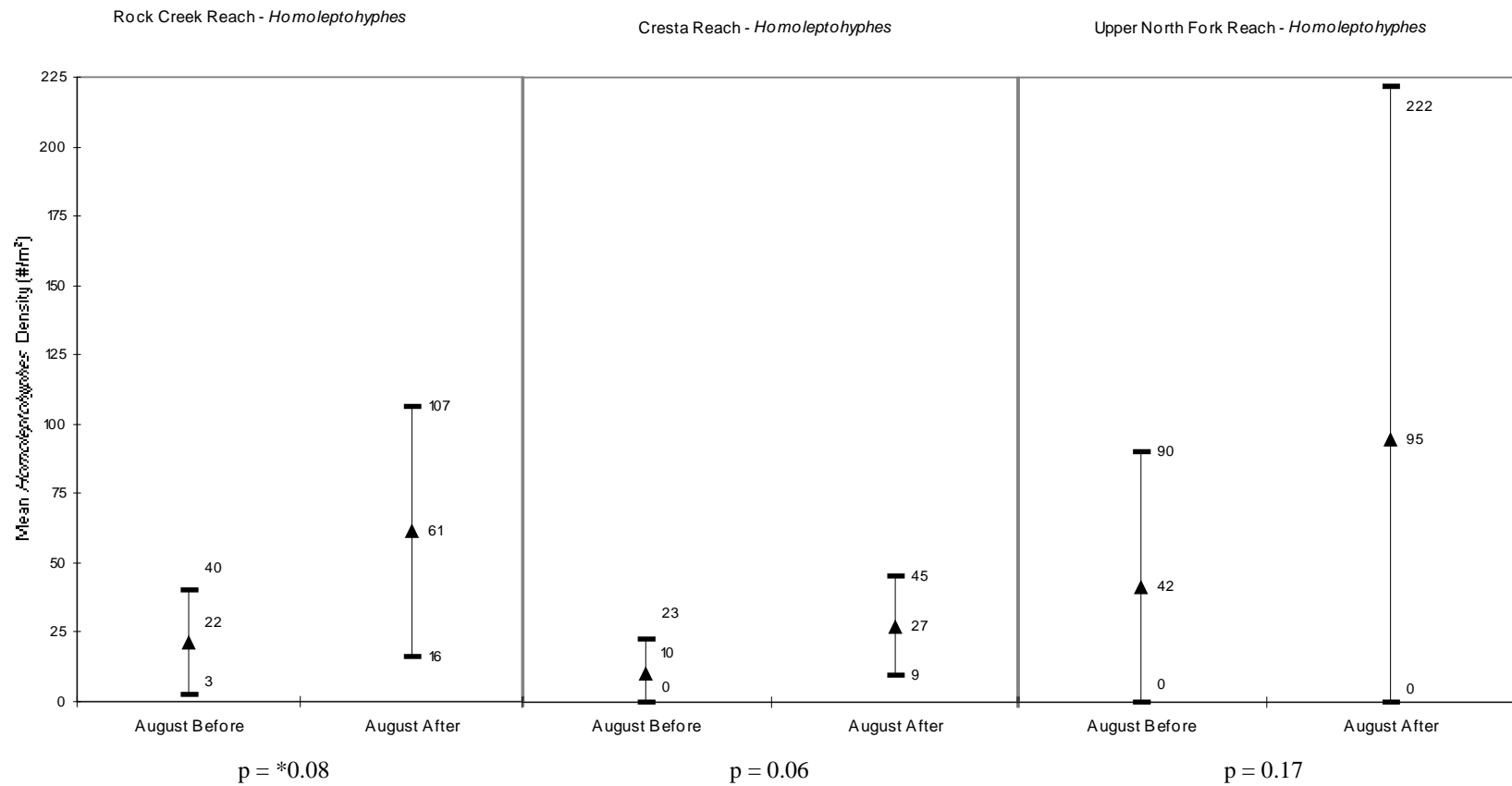
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-10. Mean Density for *Glossosoma* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



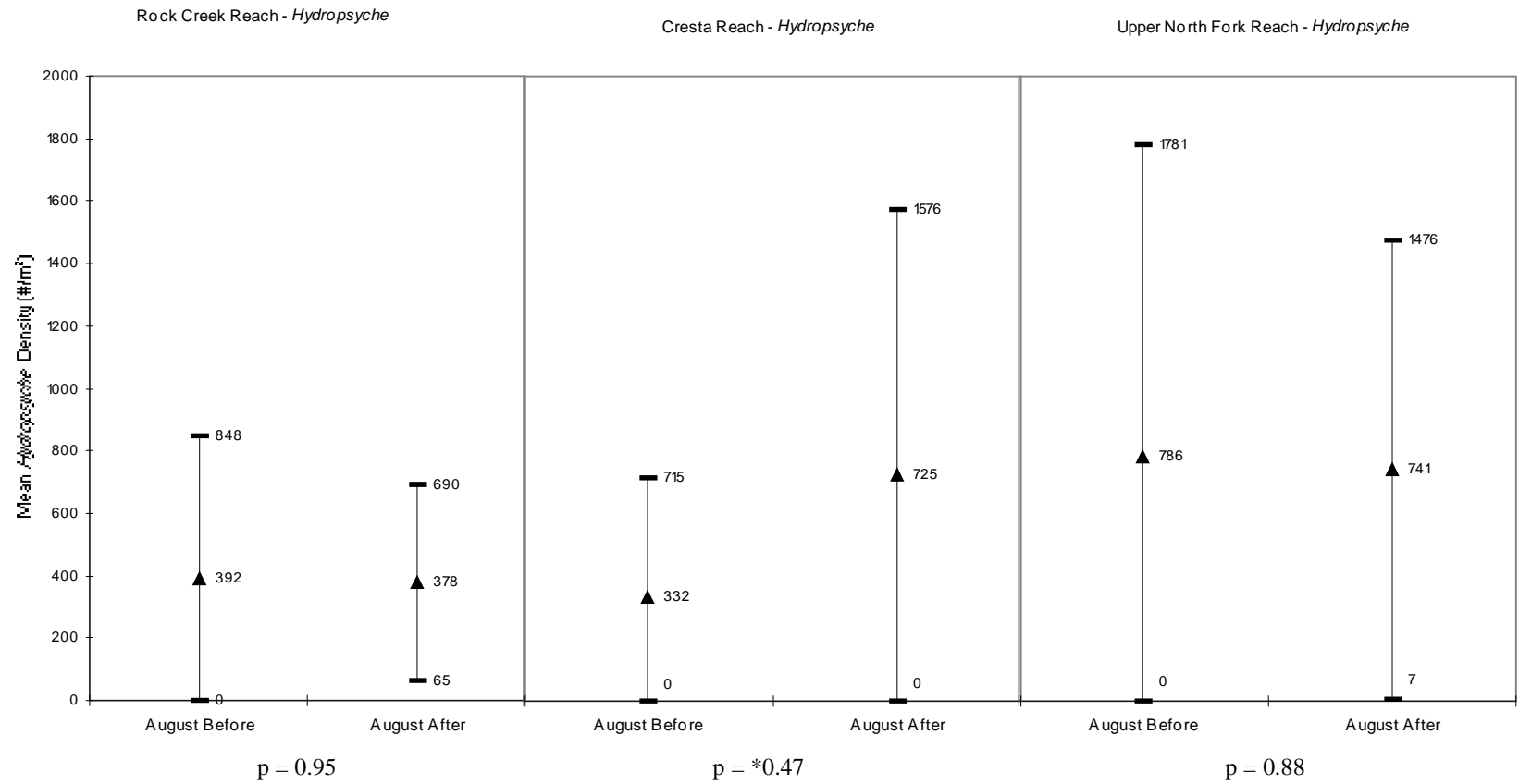
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-11. Mean Density for *Hemerodromia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



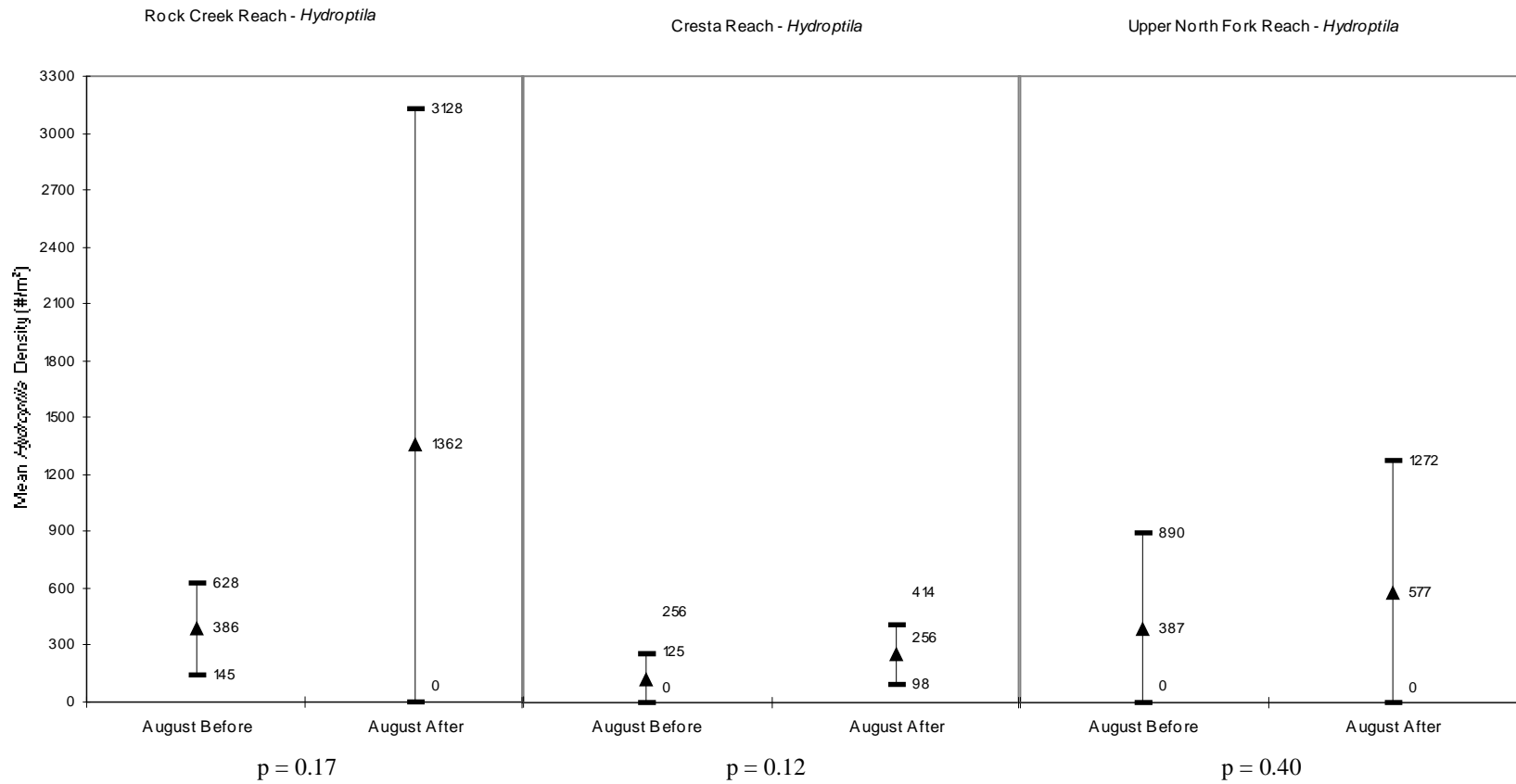
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-12. Mean Density for *Homoleptohyphes* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



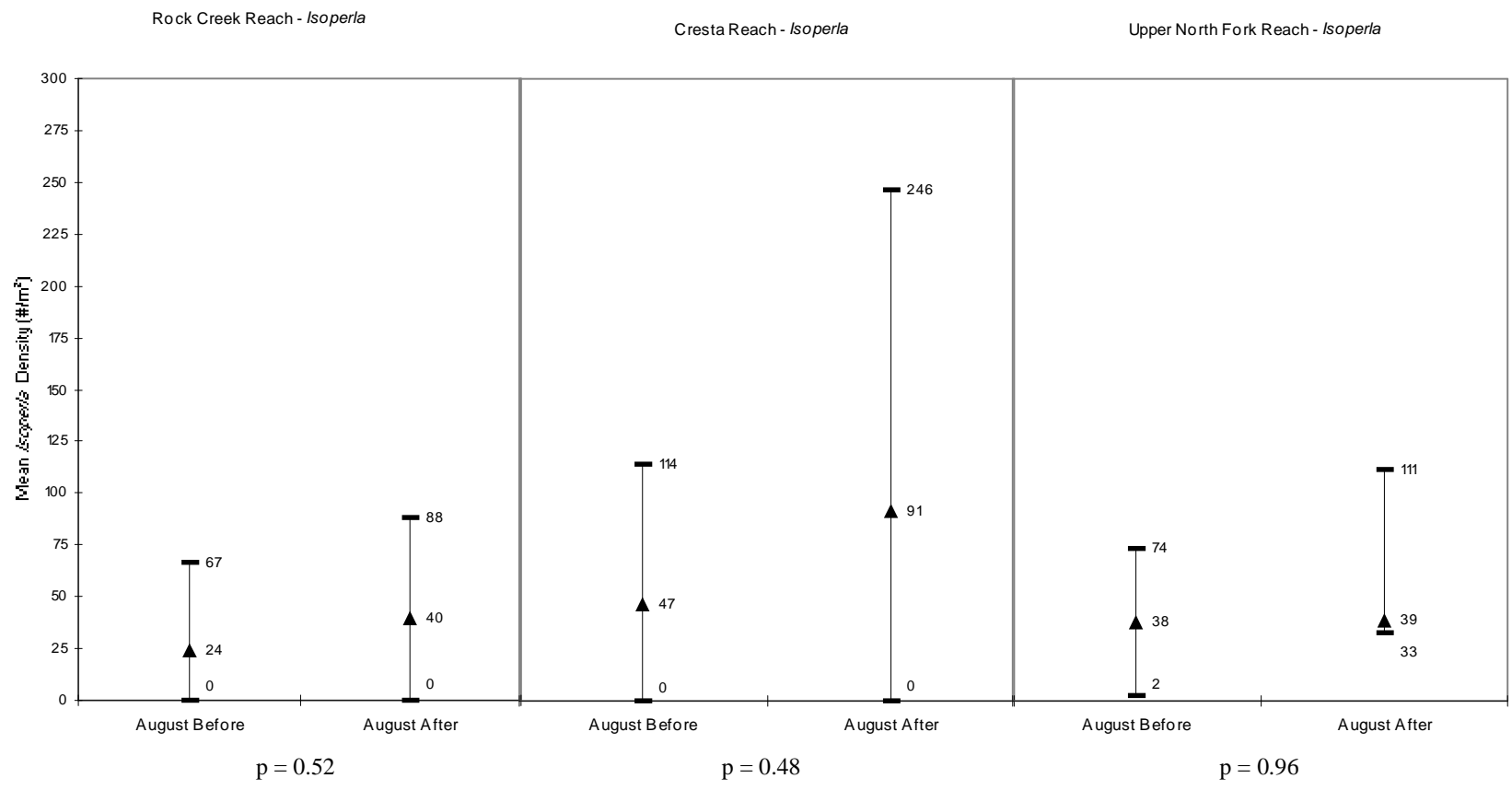
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-13. Mean Density for *Hydropsyche* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



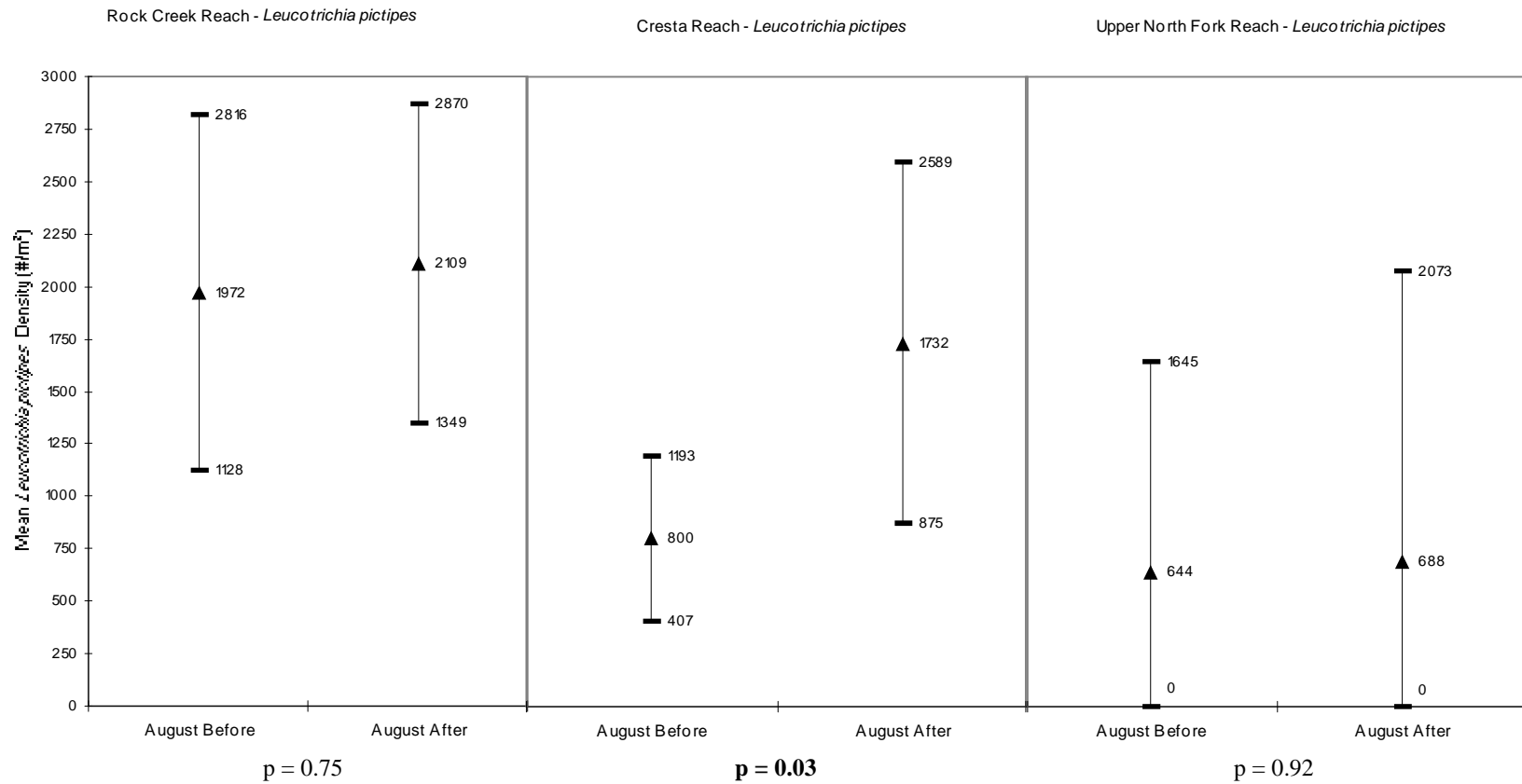
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-14. Mean Density for *Hydropsyche* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



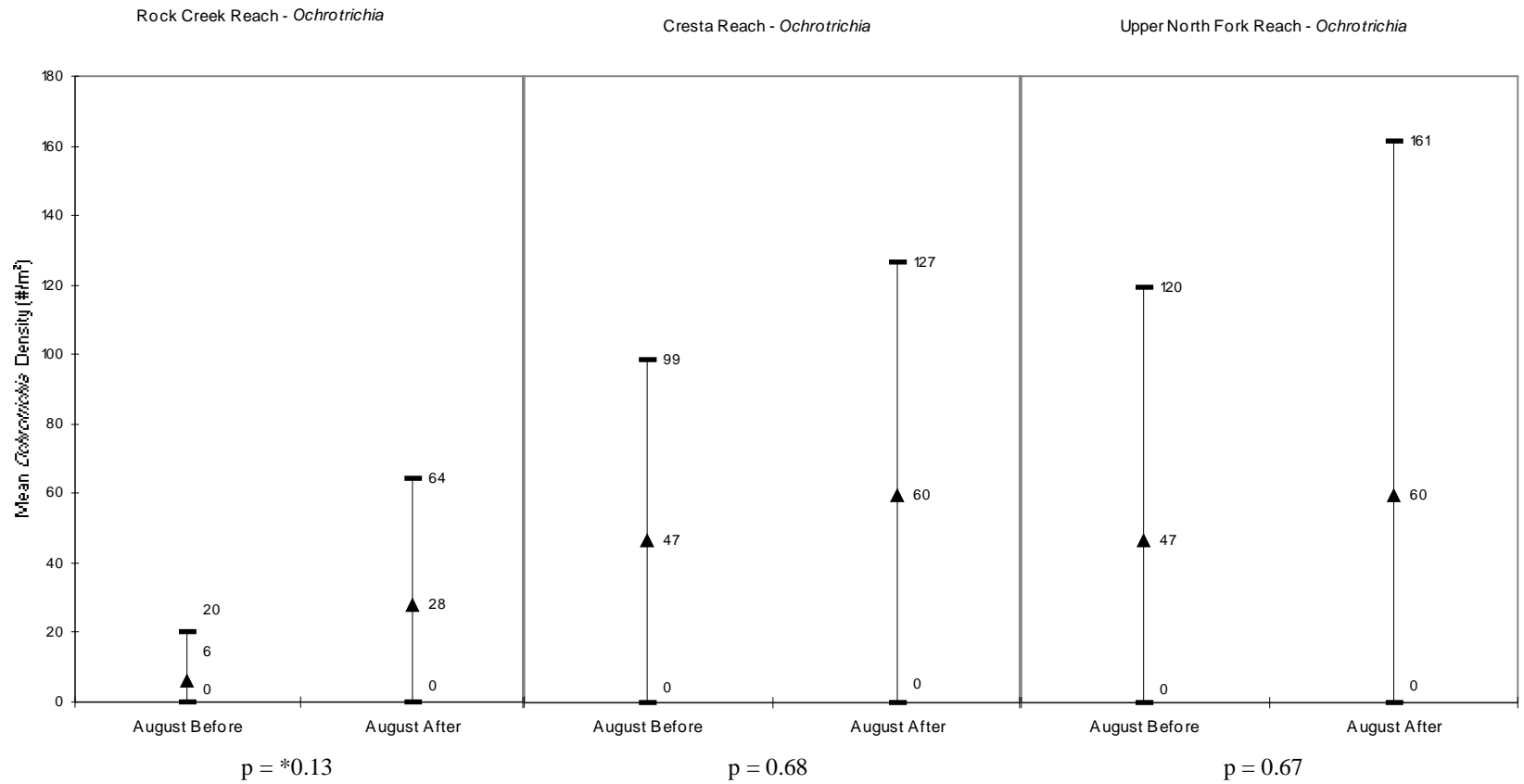
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-15. Mean Density for *Isoperla* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



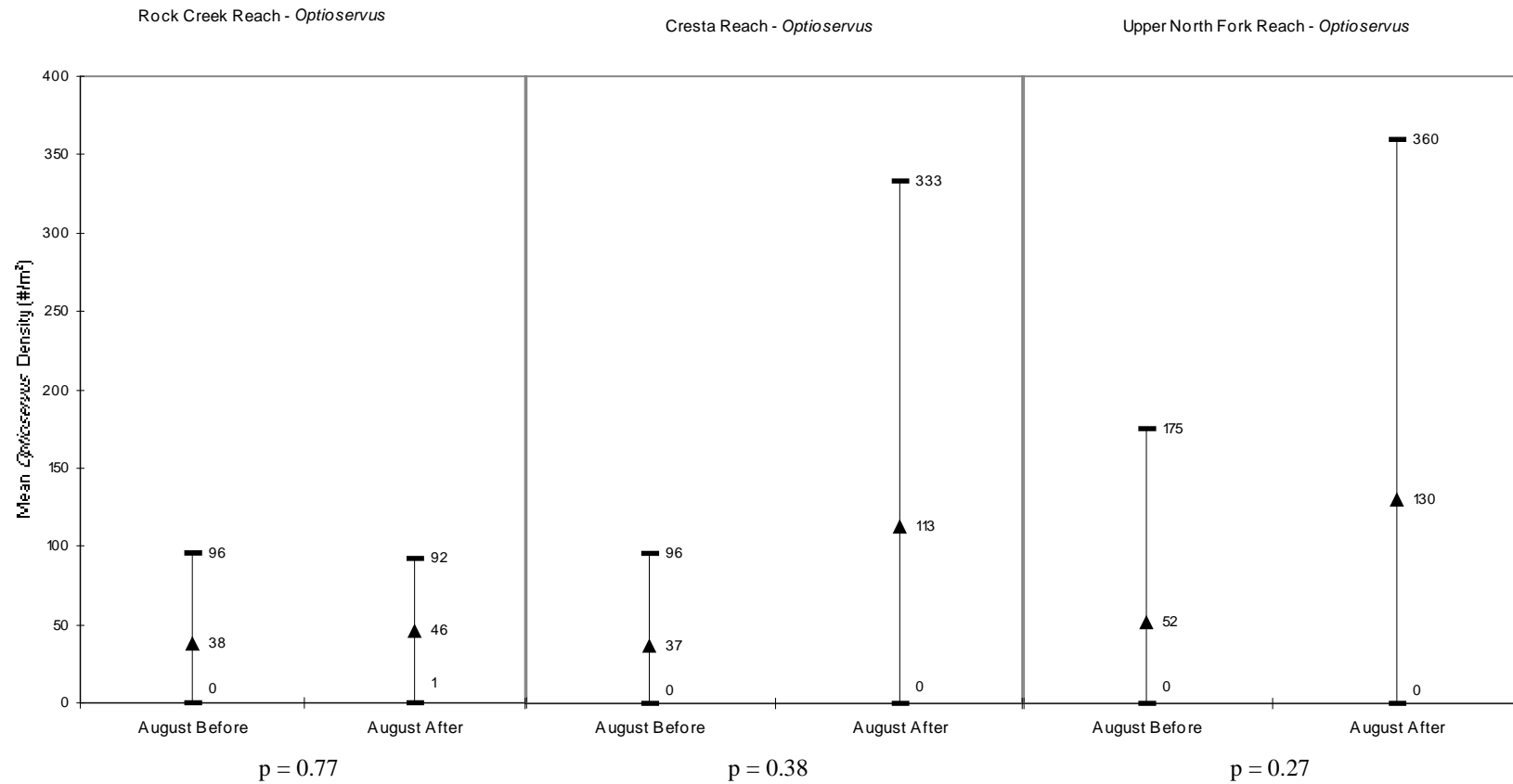
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-16. Mean Density for *Leucotrichia pictipes* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



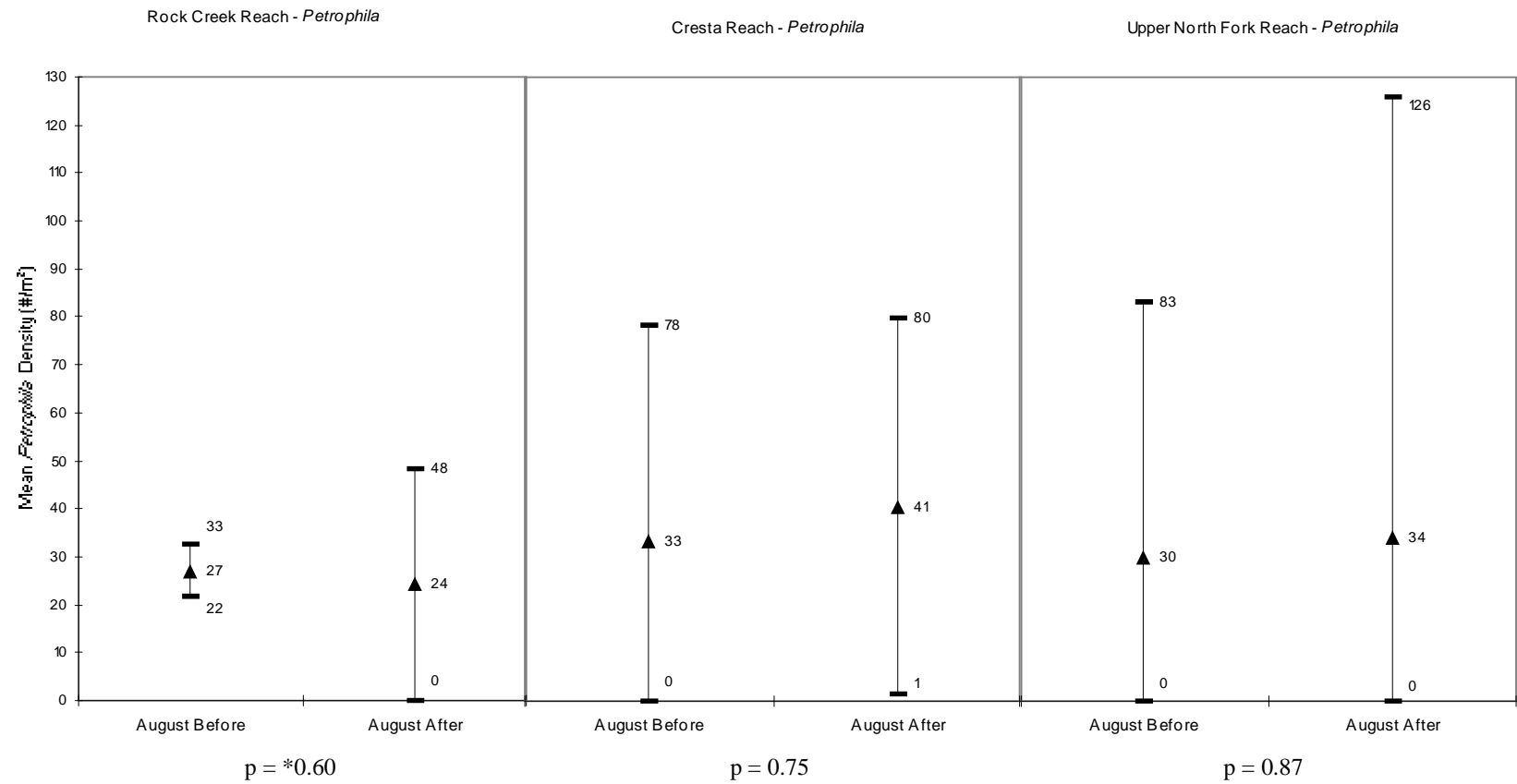
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-17. Mean Density for *Ochrotrichia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



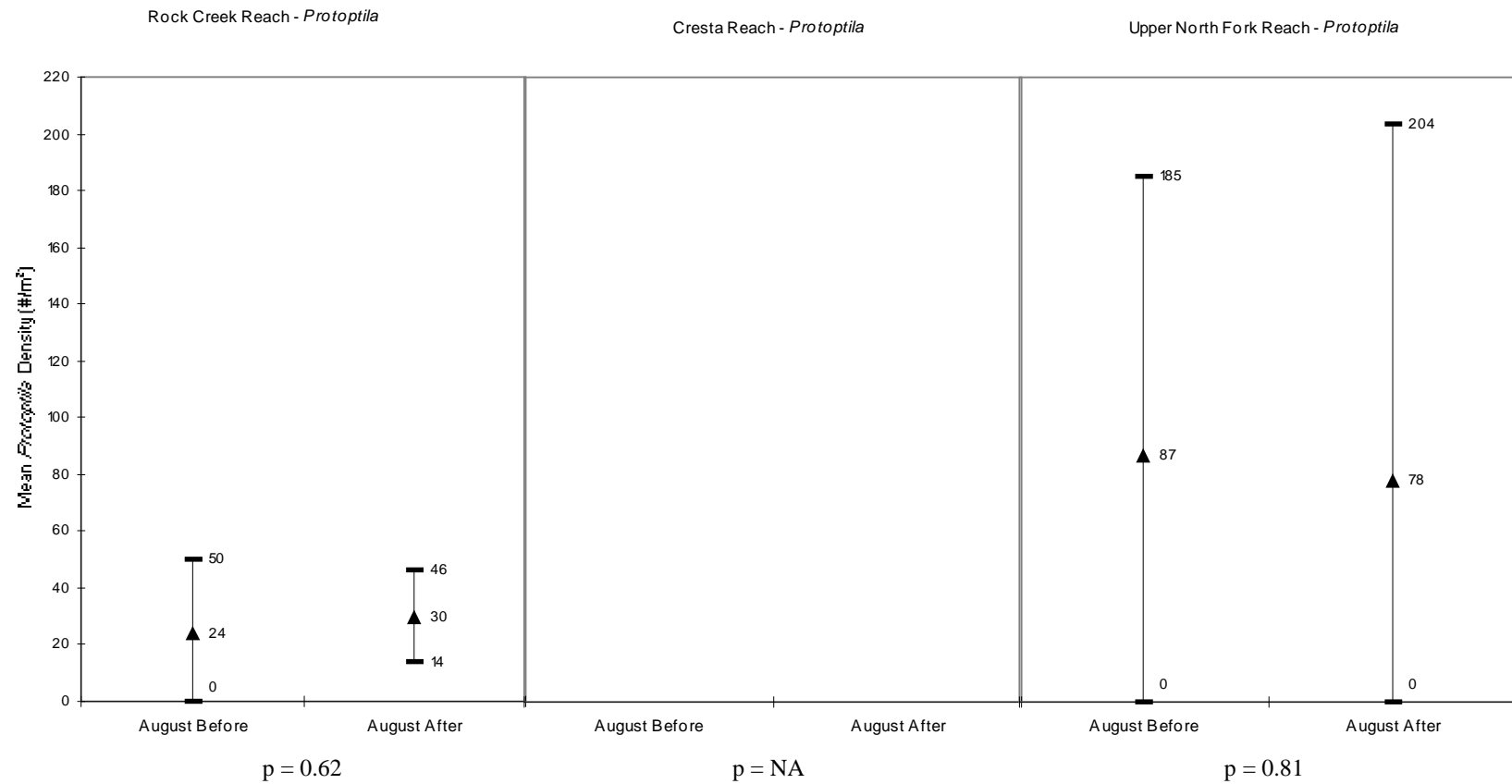
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-18. Mean Density for *Optioservus* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



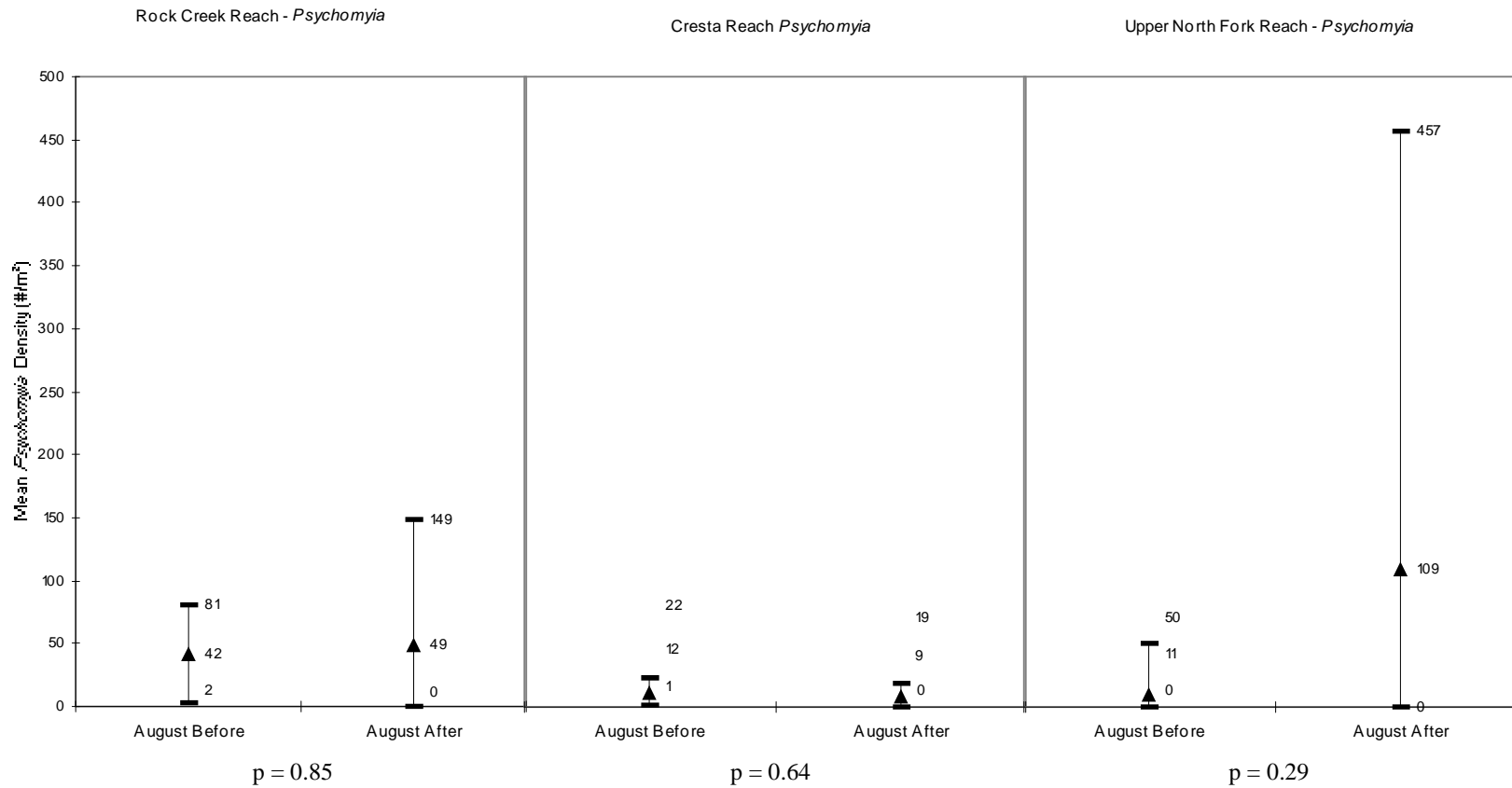
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-19. Mean Density for *Petrophila* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007 (* = Kruskal-Wallis p-value).



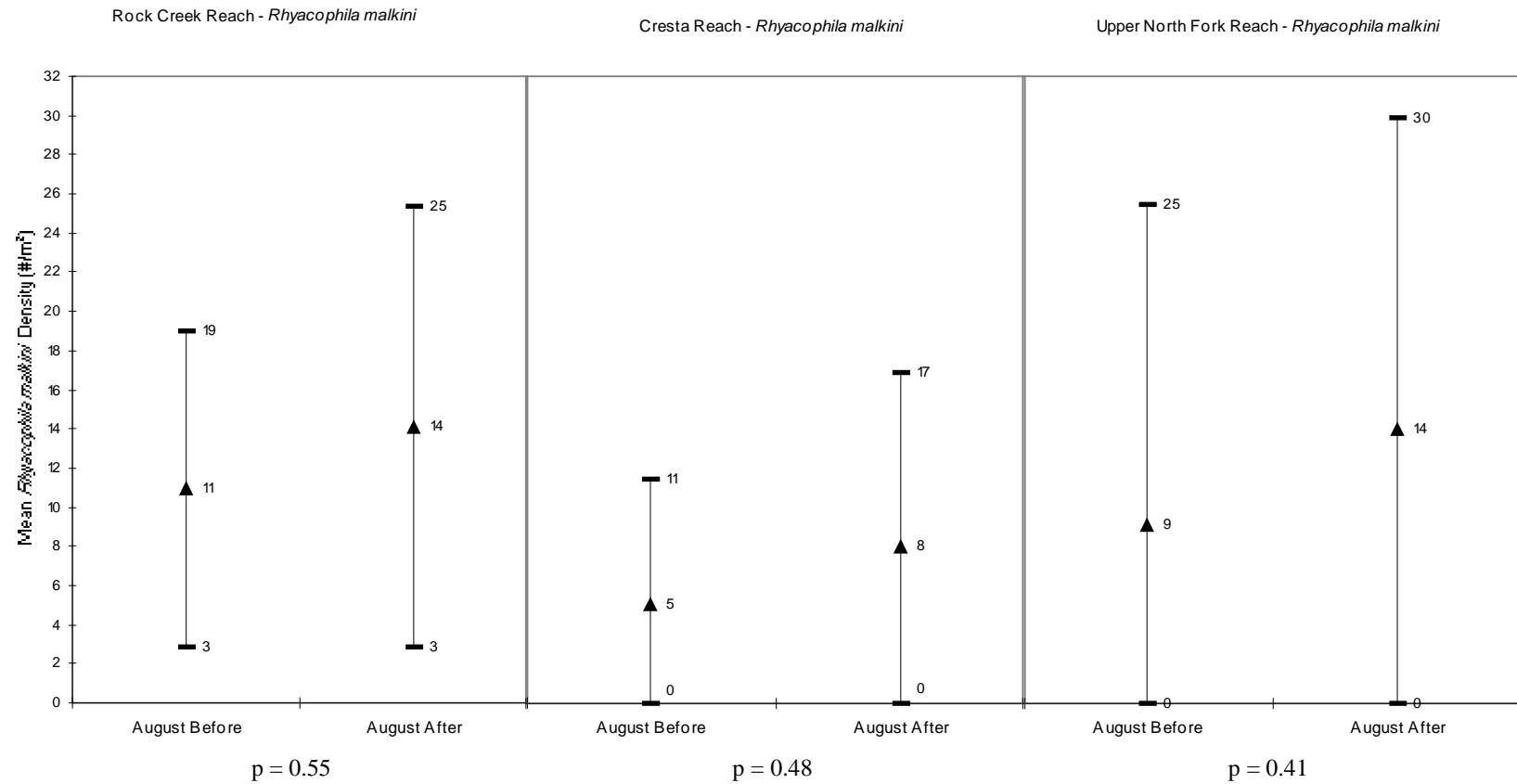
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-20. Mean Density for *Protoptila* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



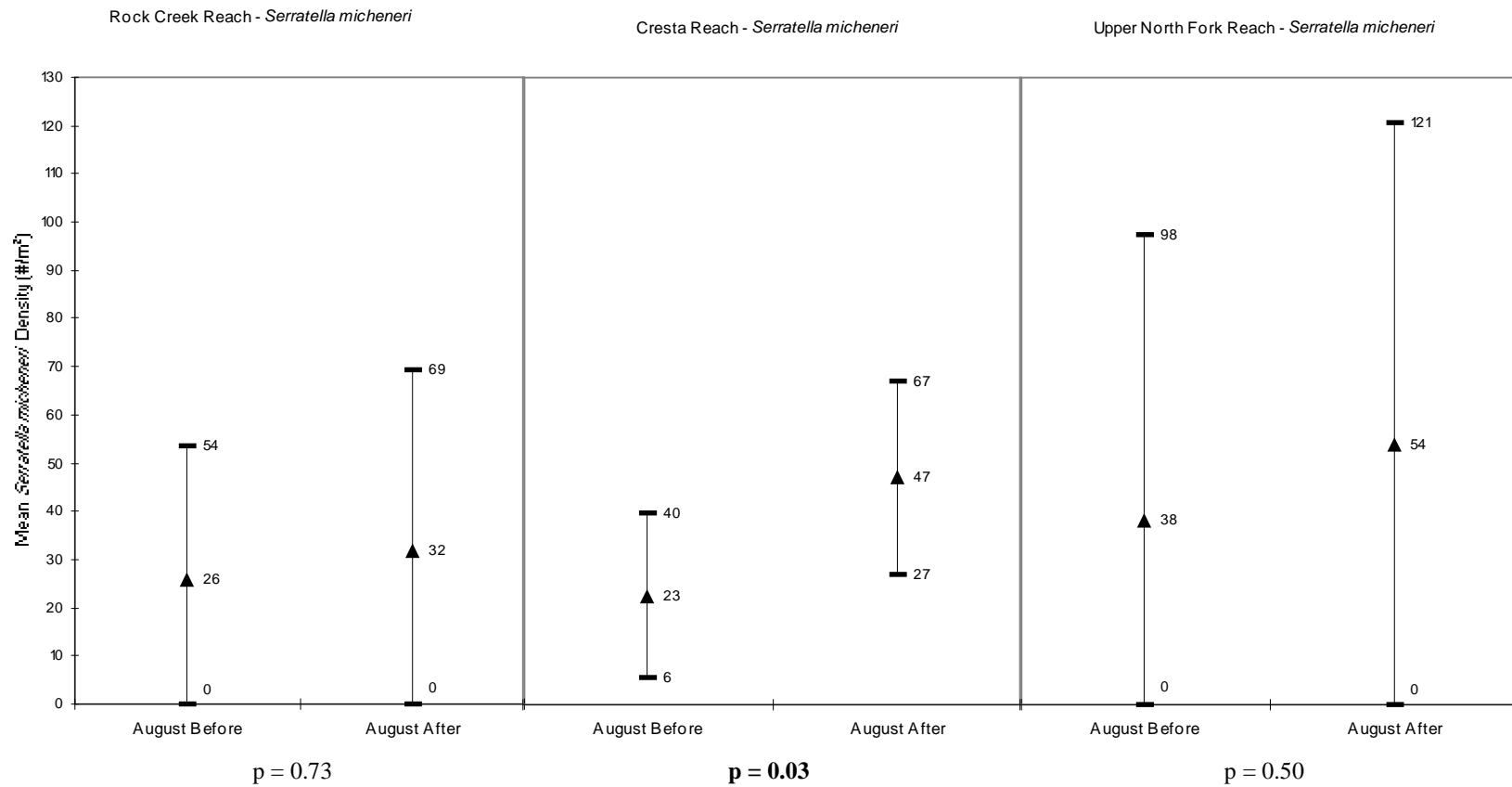
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-21. Mean Density for *Psychomyia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



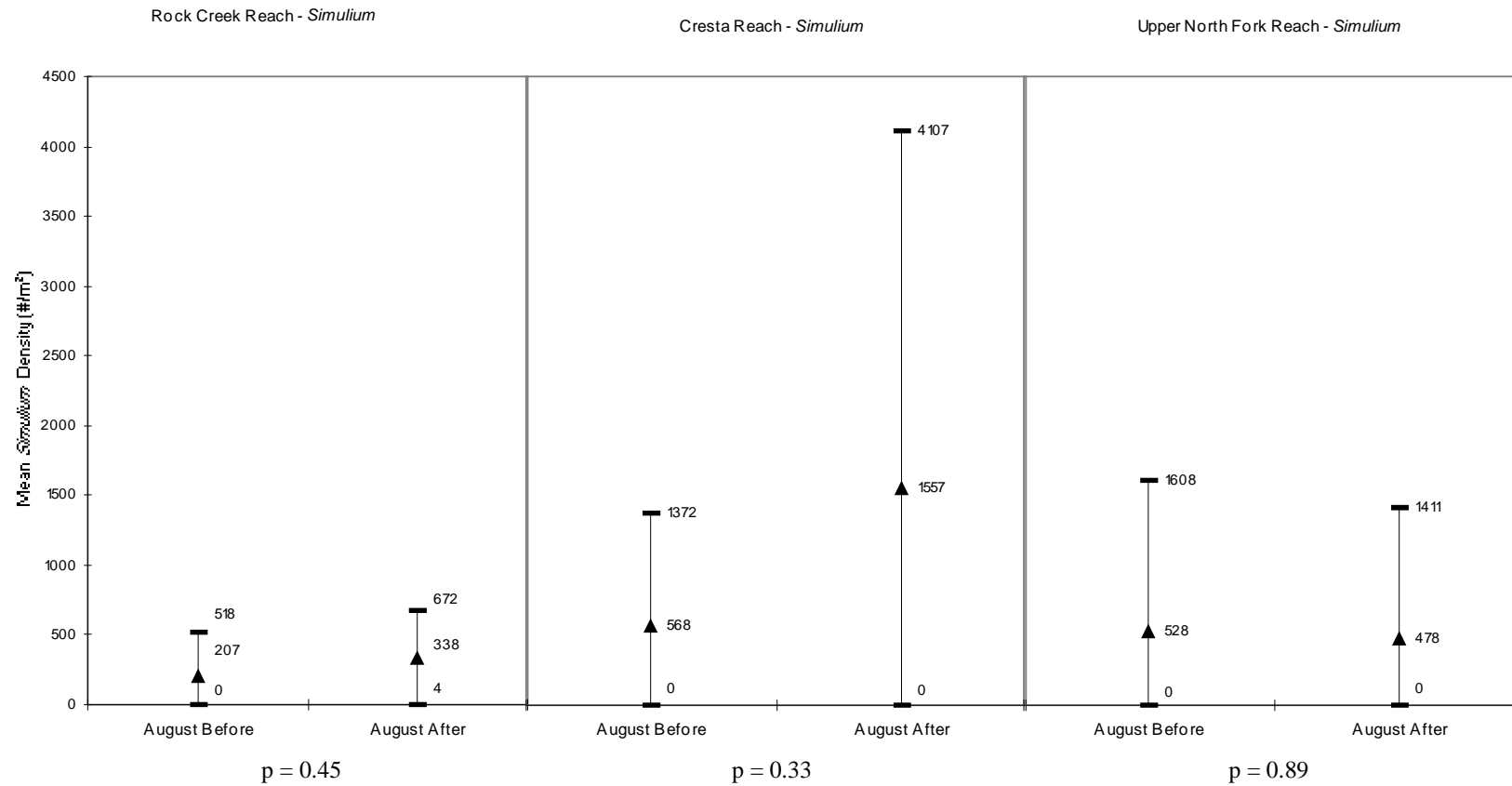
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-22. Mean Density for *Rhyacophila malkini* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



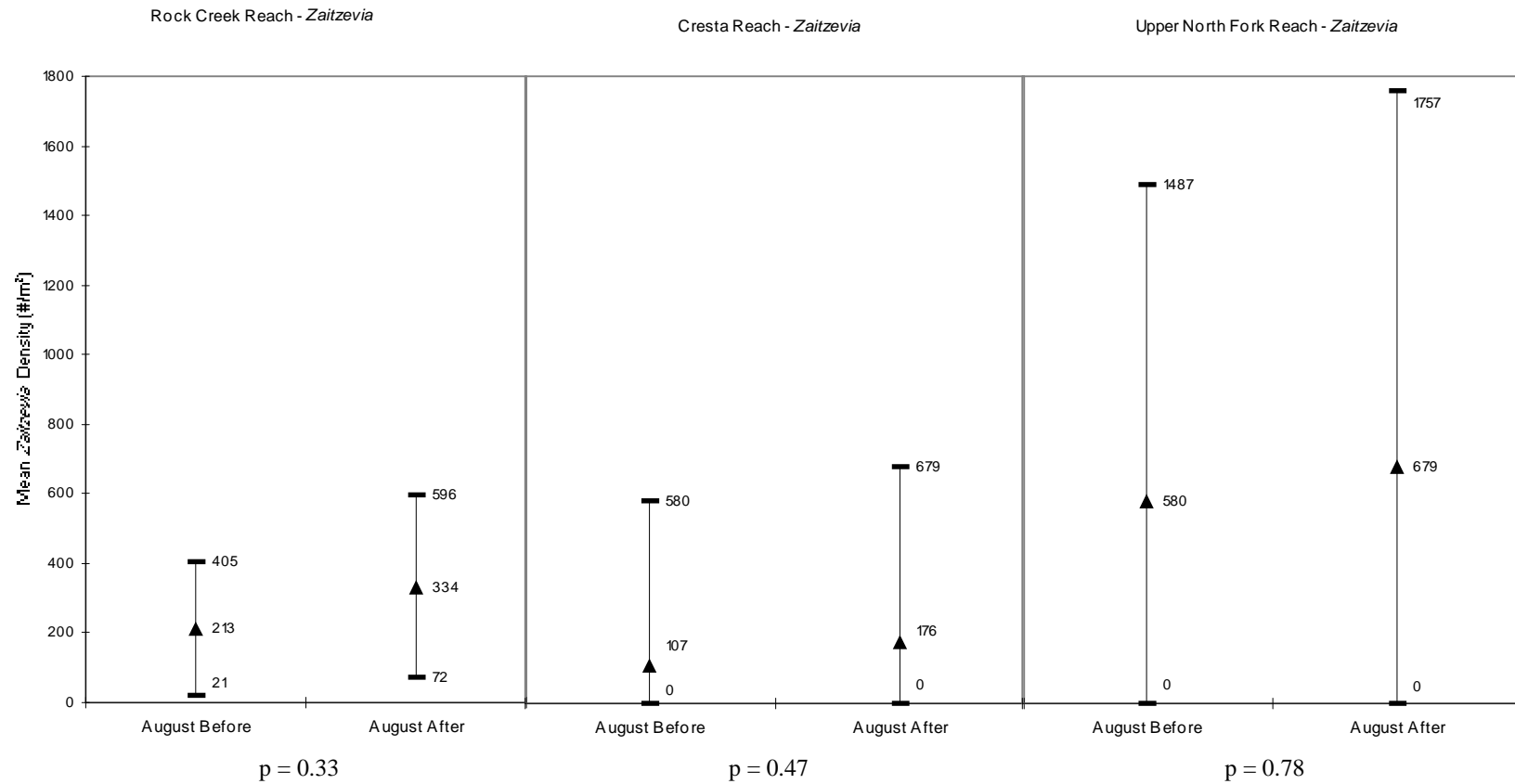
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-23. Mean Density for *Serratella micheneri* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



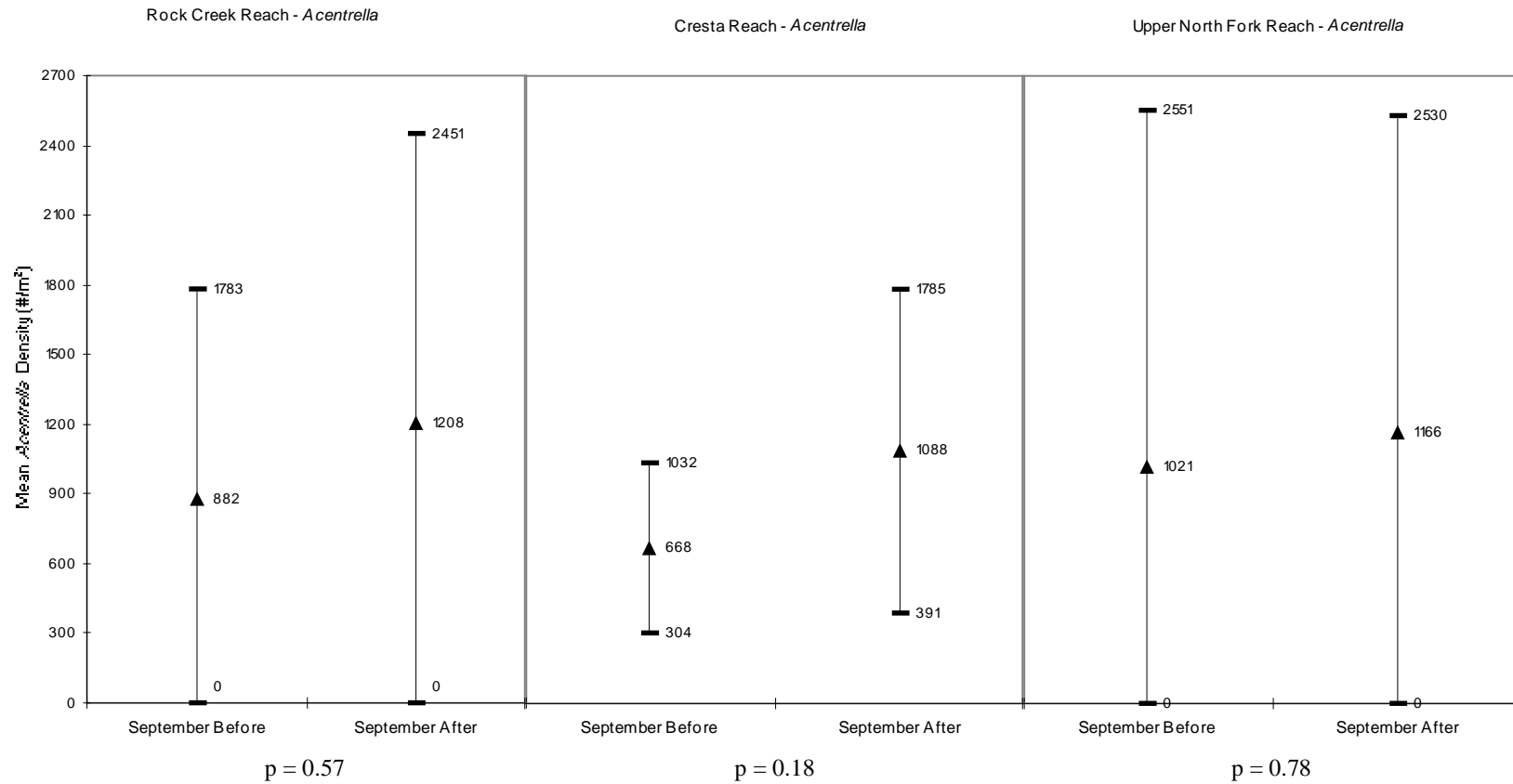
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-24. Mean Density for *Simulium* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



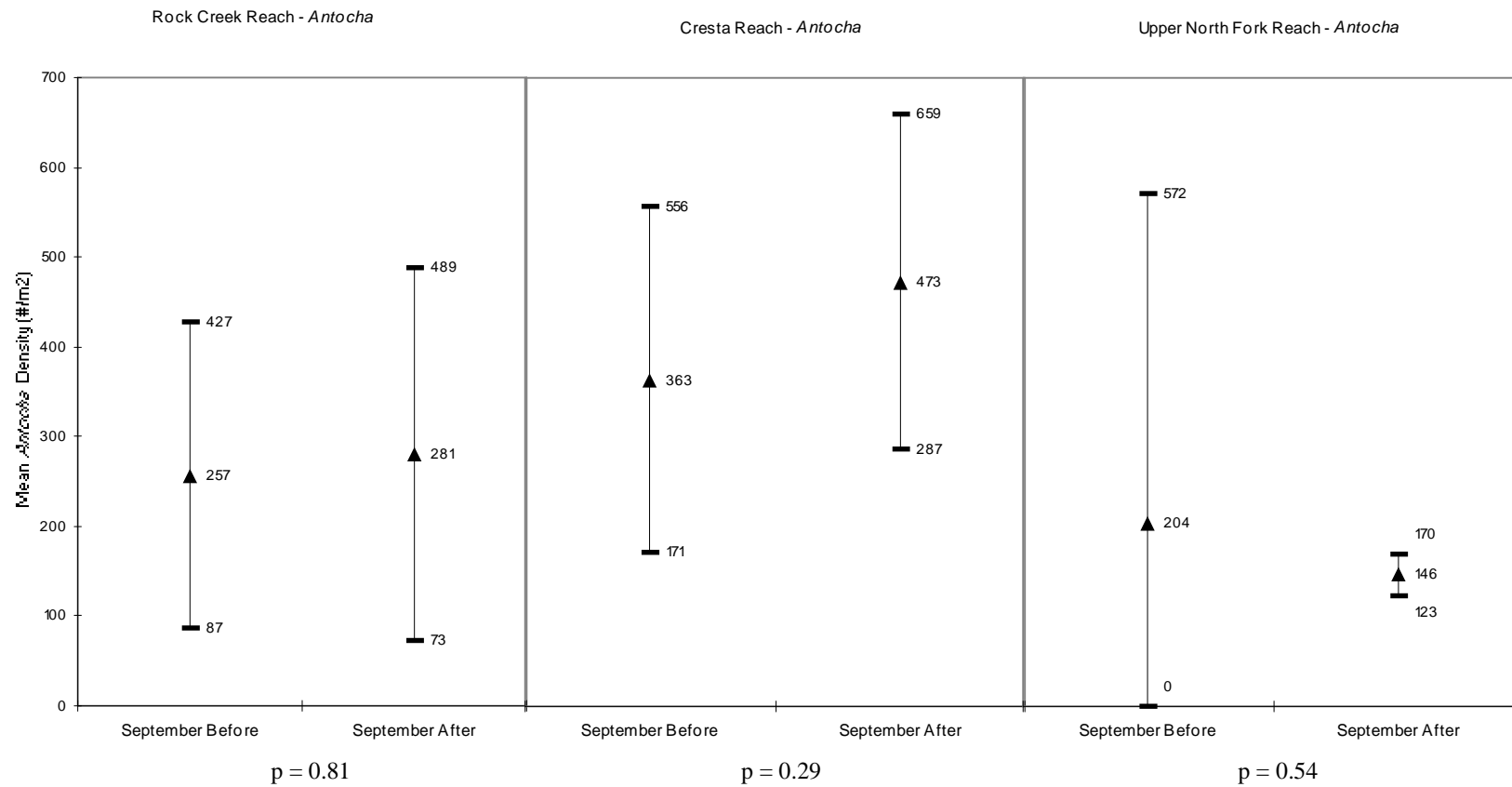
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-25. Mean Density for *Zaitzevia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, August 2007.



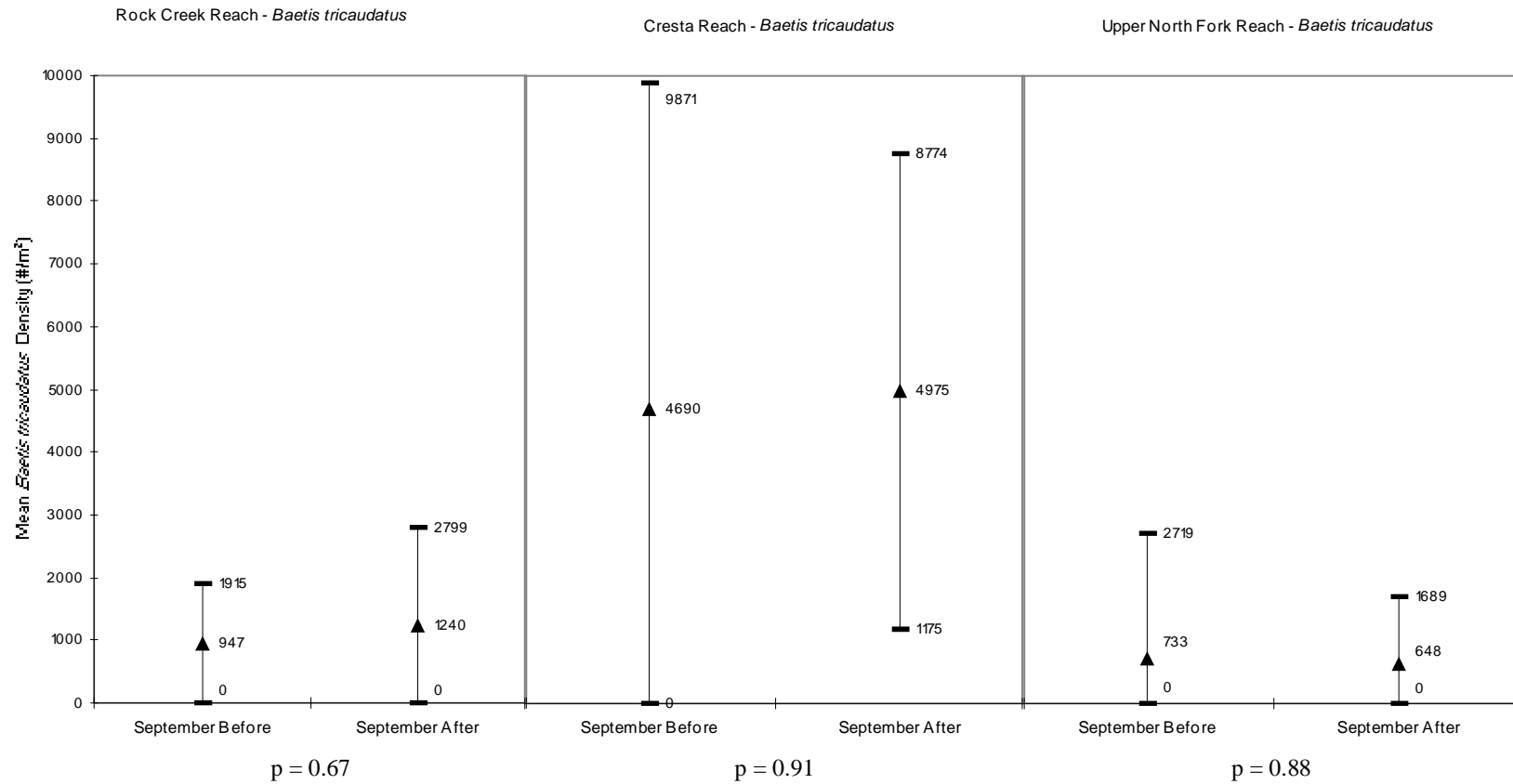
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-26. Mean Density for *Acentrella* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



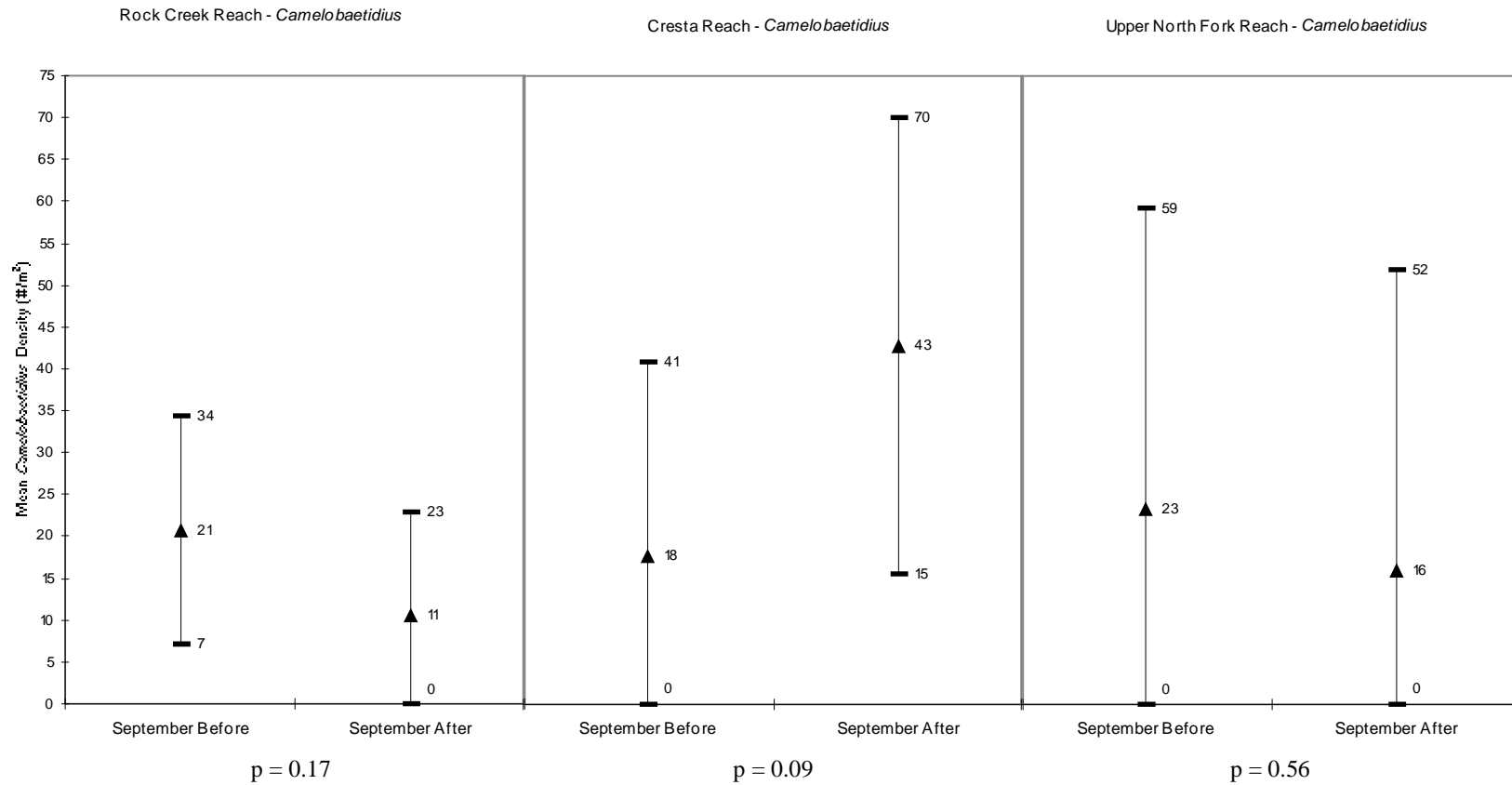
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-27. Mean Density for *Antocha* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



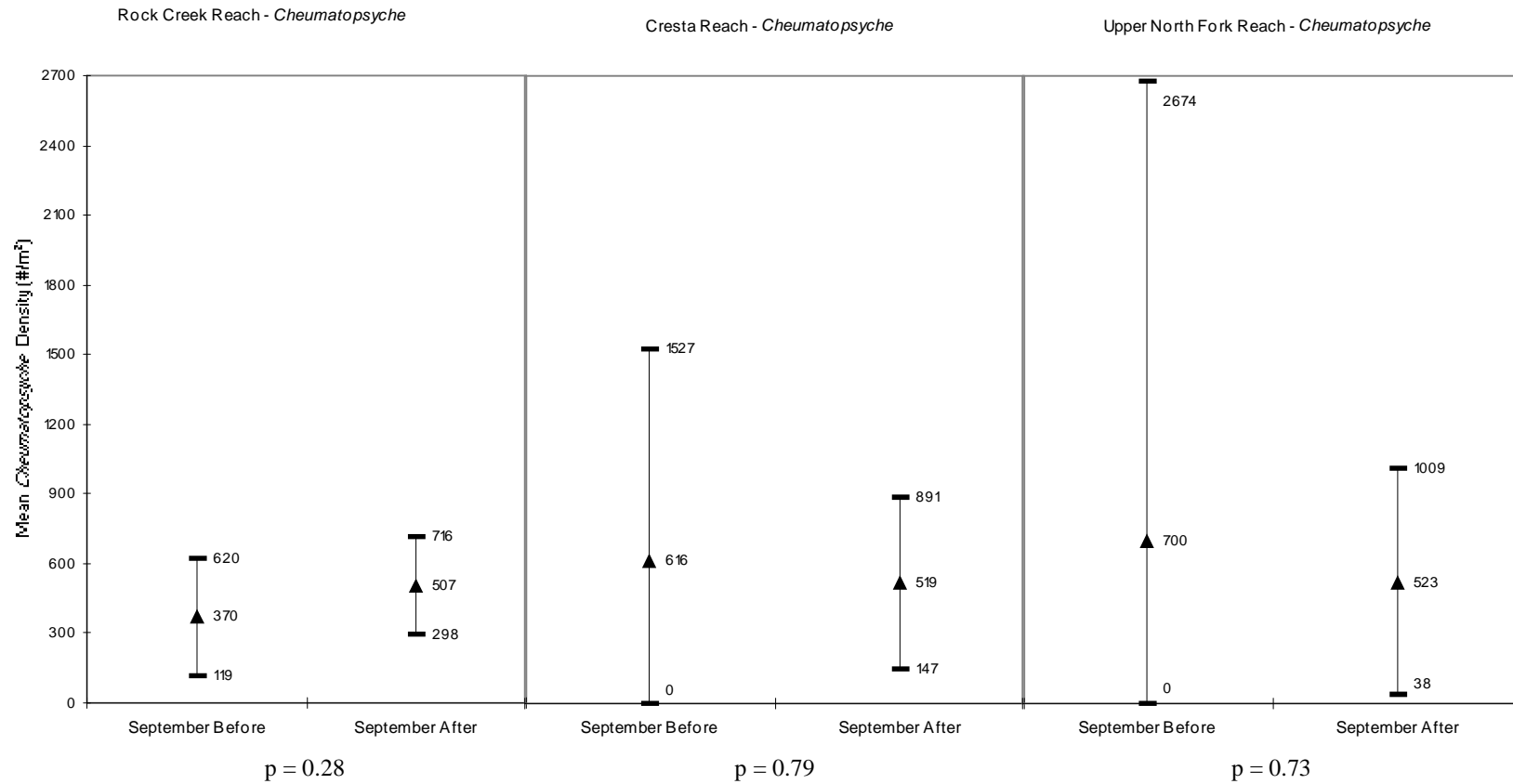
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-28. Mean Density for *Baetis tricaudatus* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



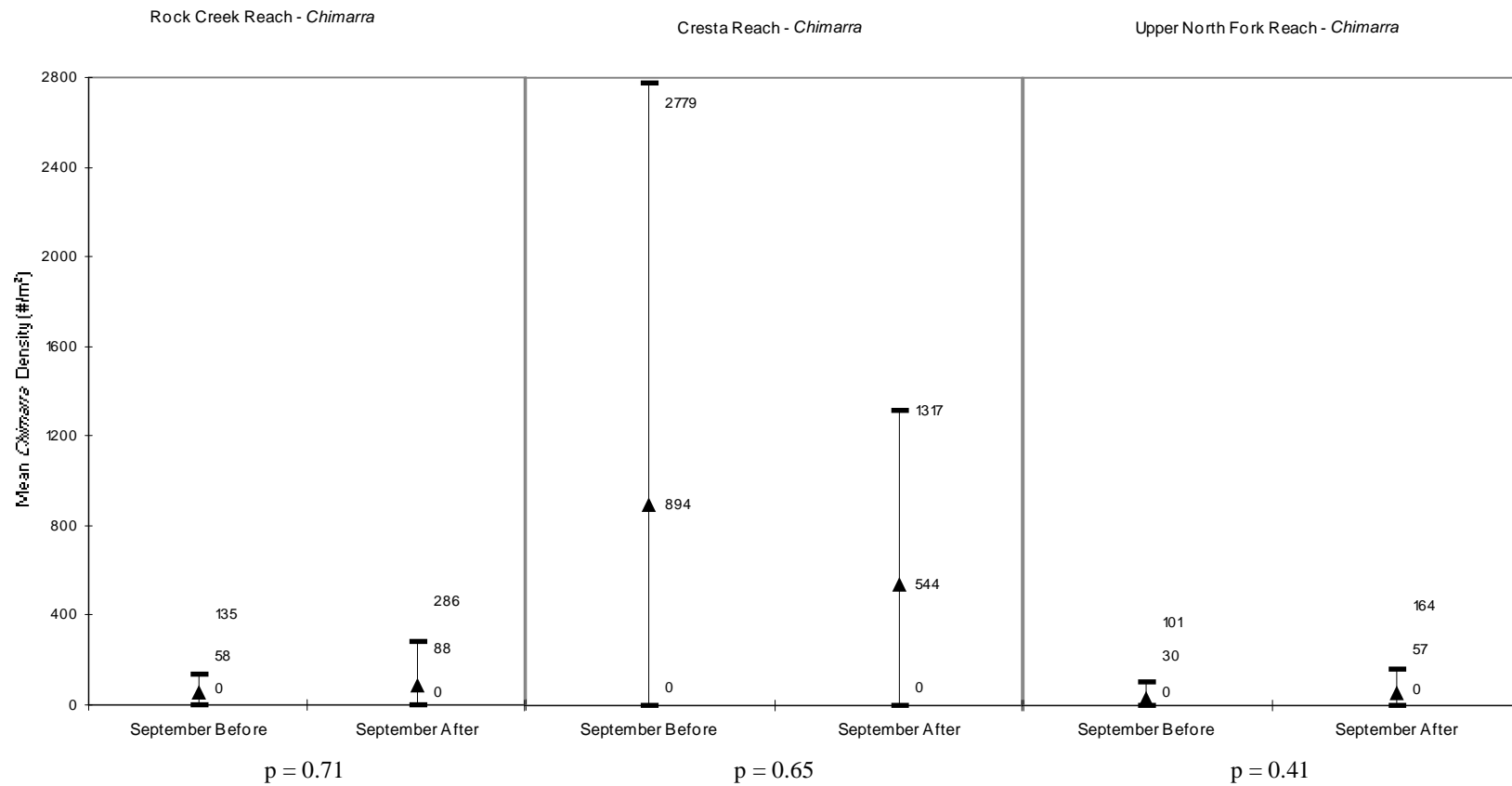
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-29. Mean Density for *Camelobaetidius* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



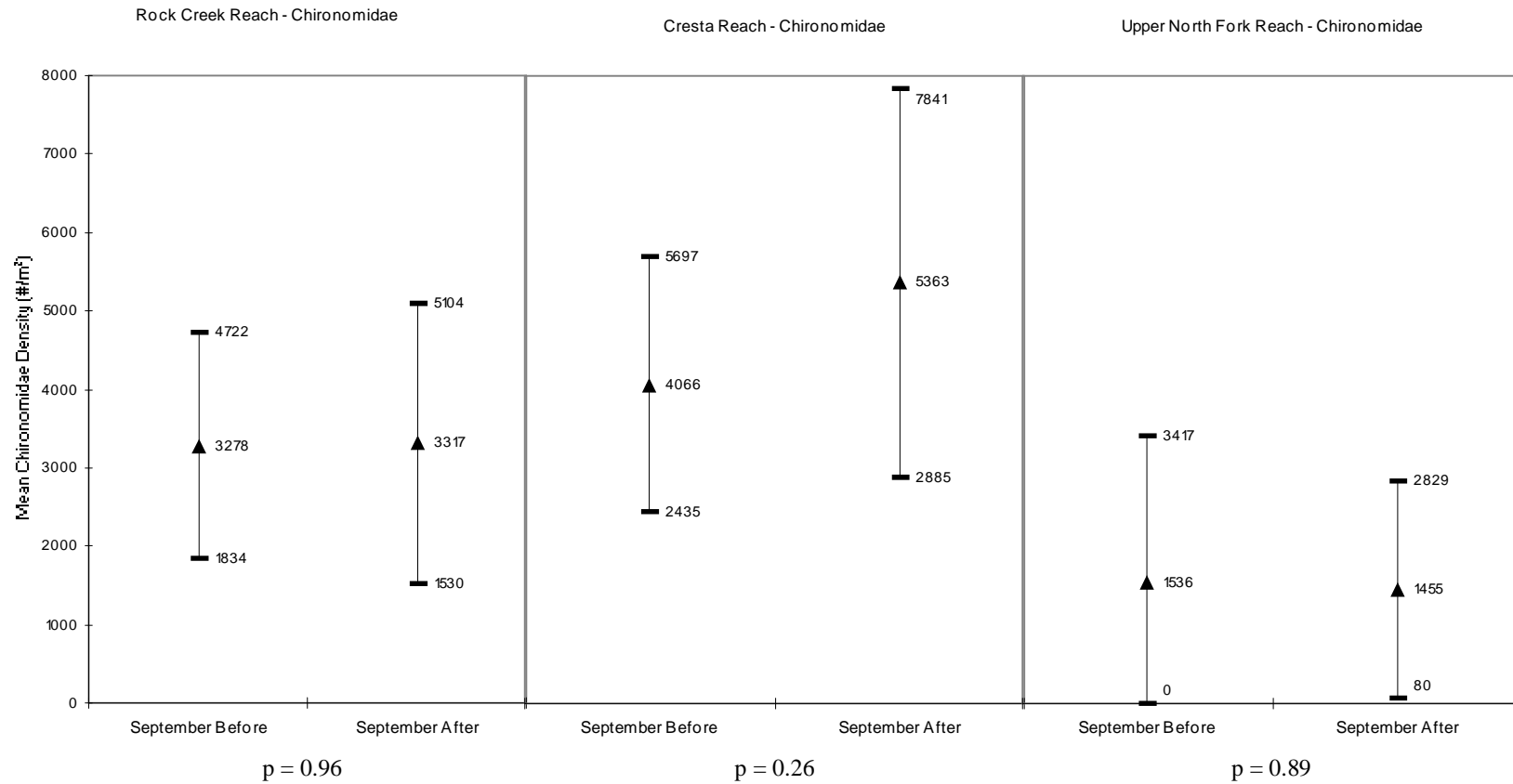
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-30. Mean Density for *Cheumatopsyche* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



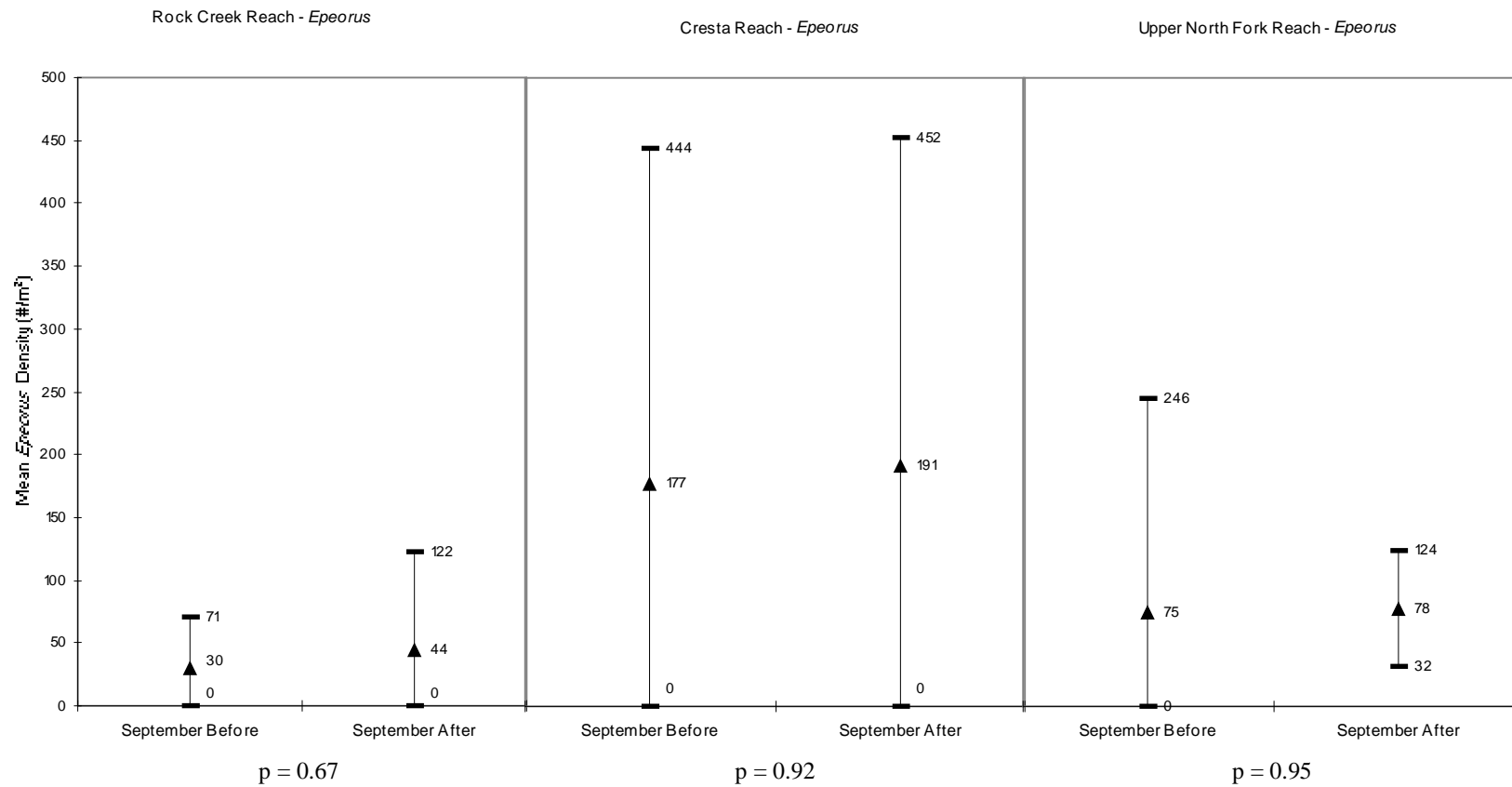
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-31. Mean Density for *Chimarra* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



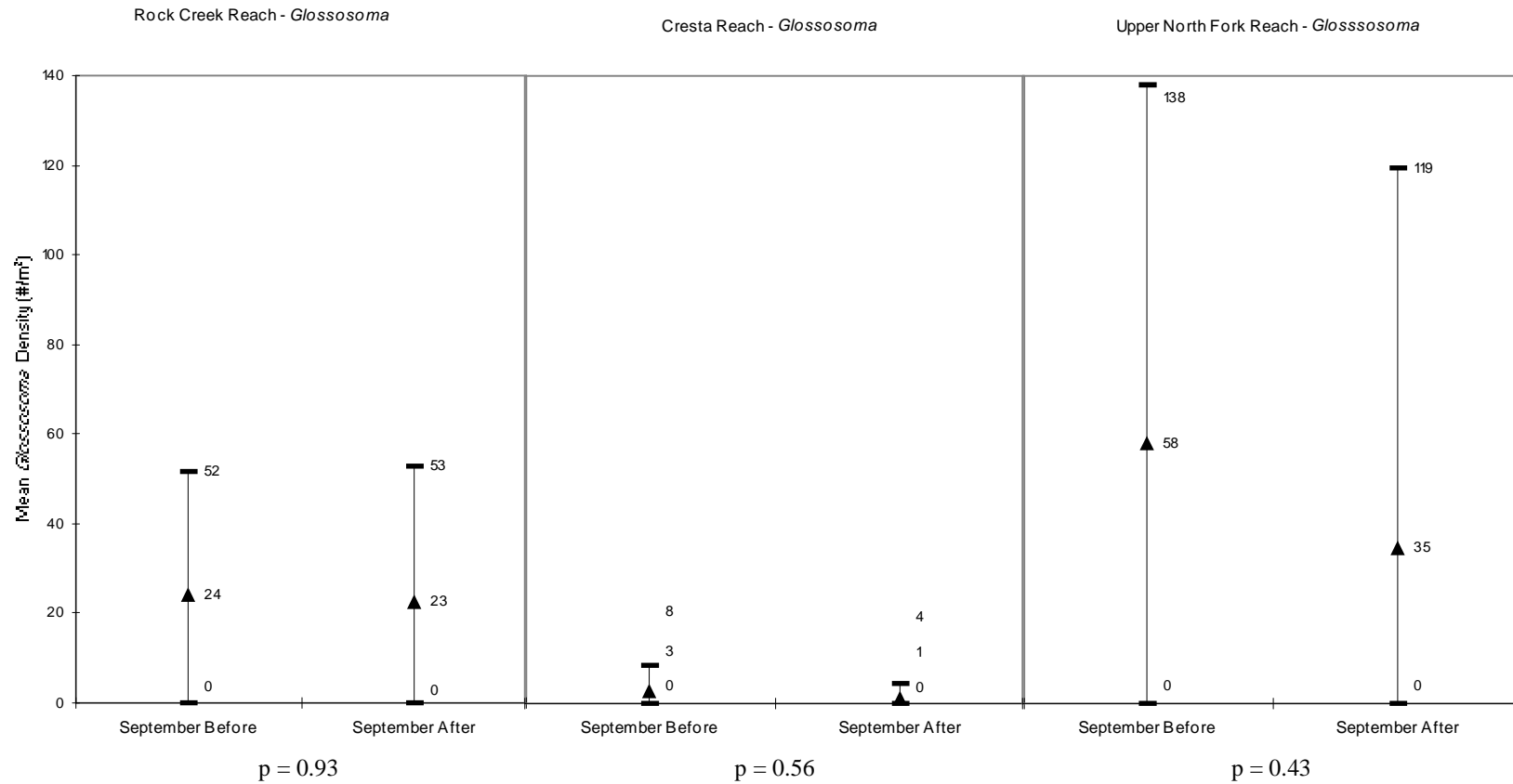
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-32. Mean Density for Chironomidae with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



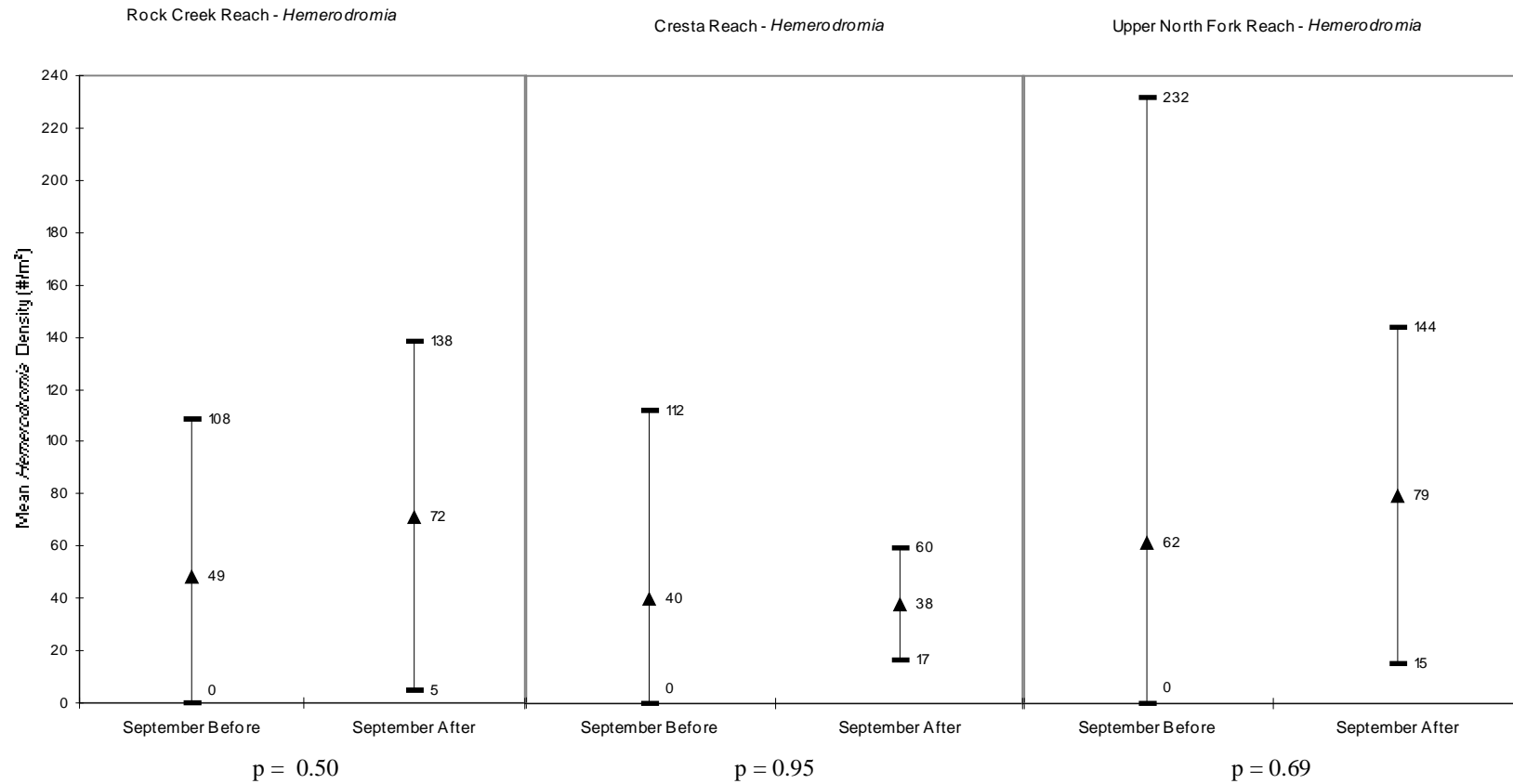
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-33. Mean Density for *Epeorus* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



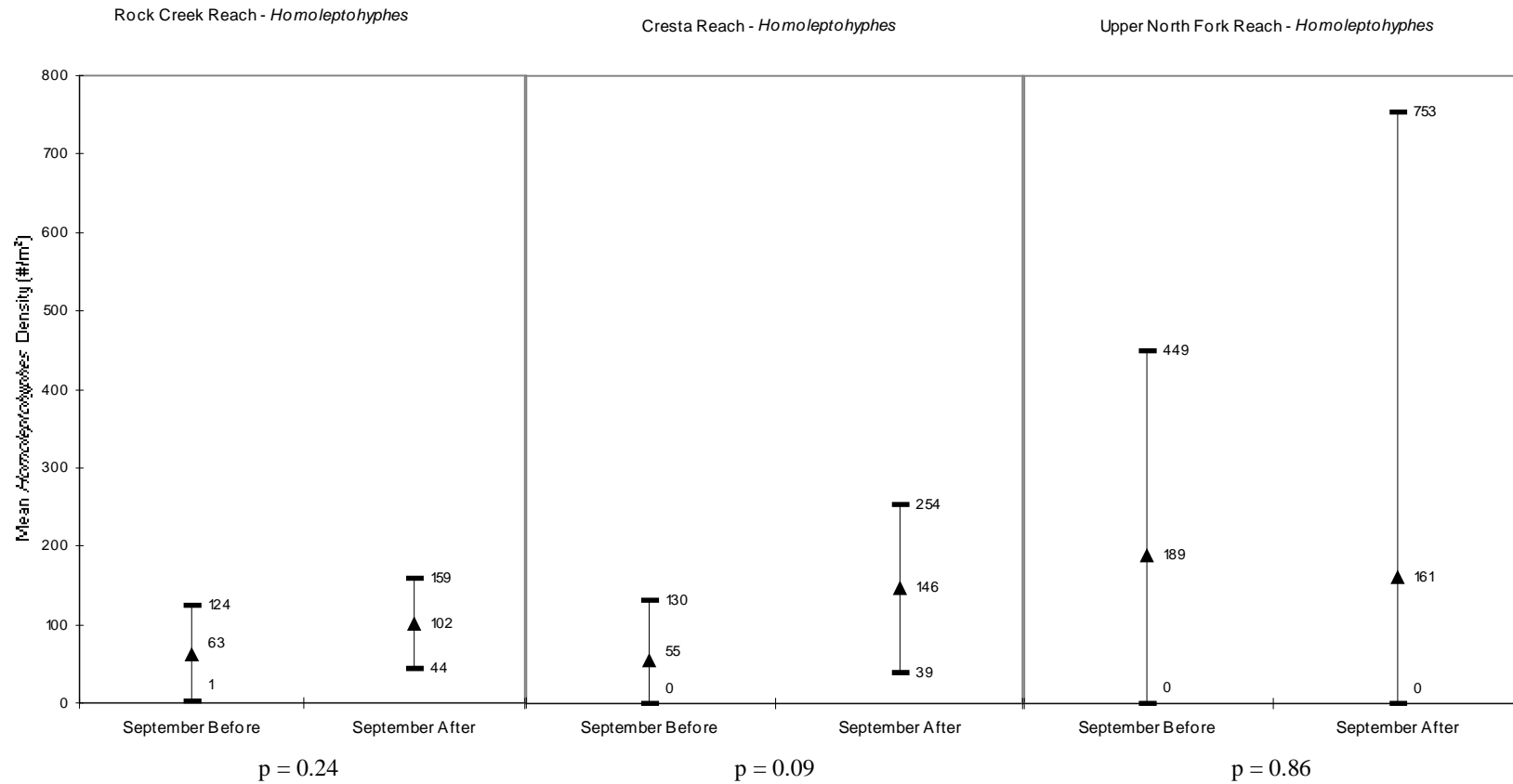
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-34. Mean Density for *Glossosoma* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



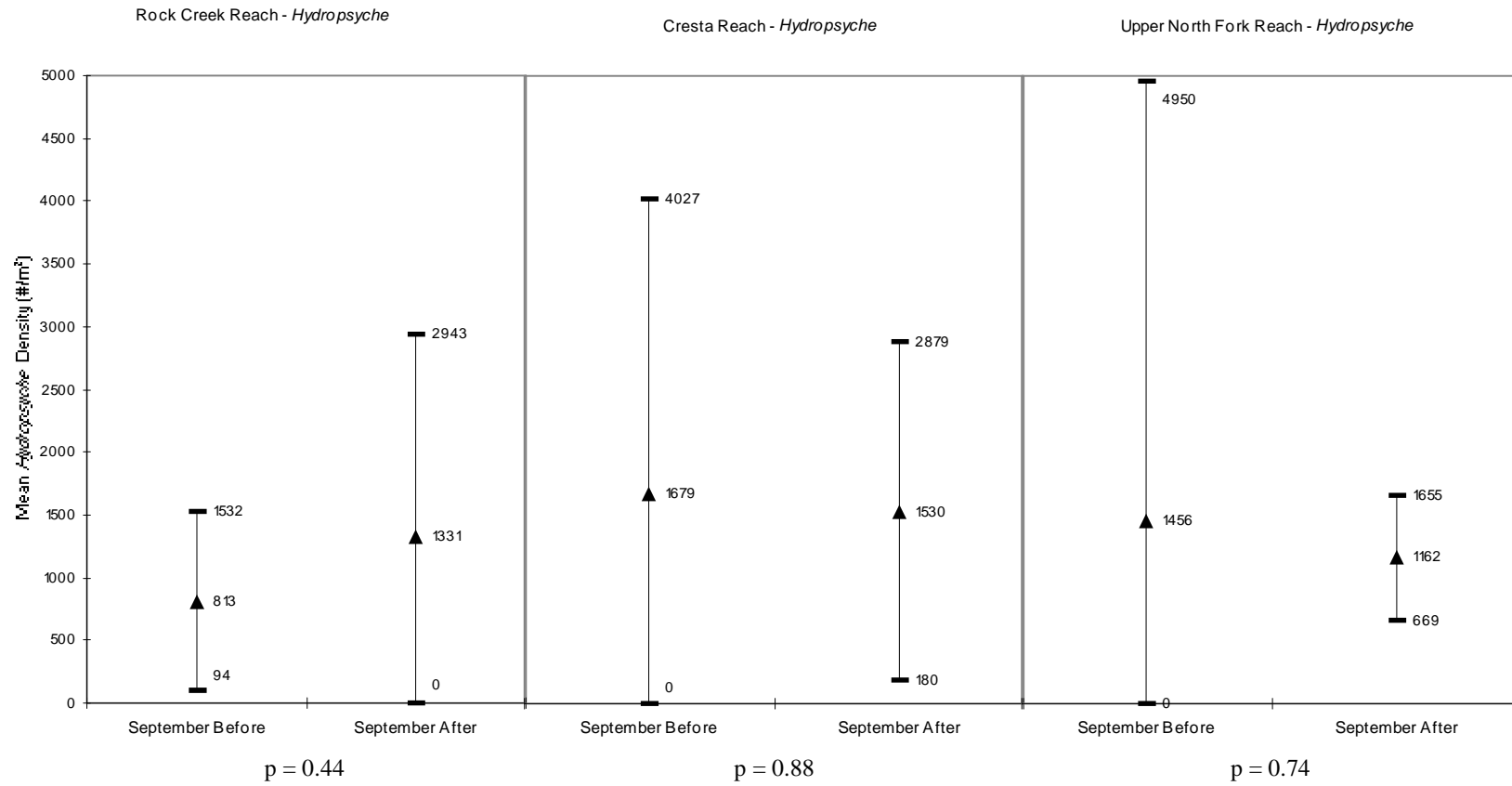
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-35. Mean Density for *Hemerodromia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



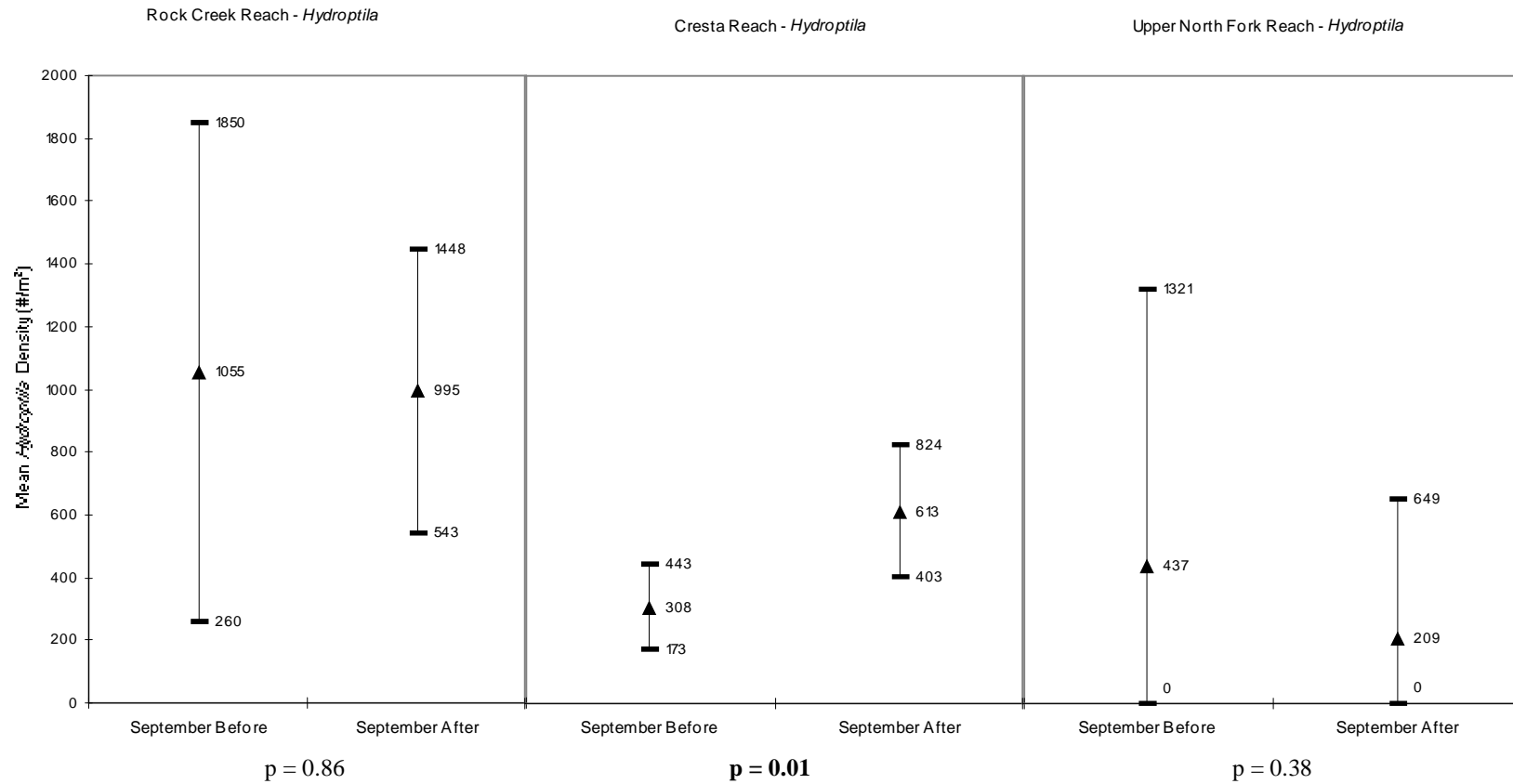
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-36. Mean Density for *Homoleptohyphes* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



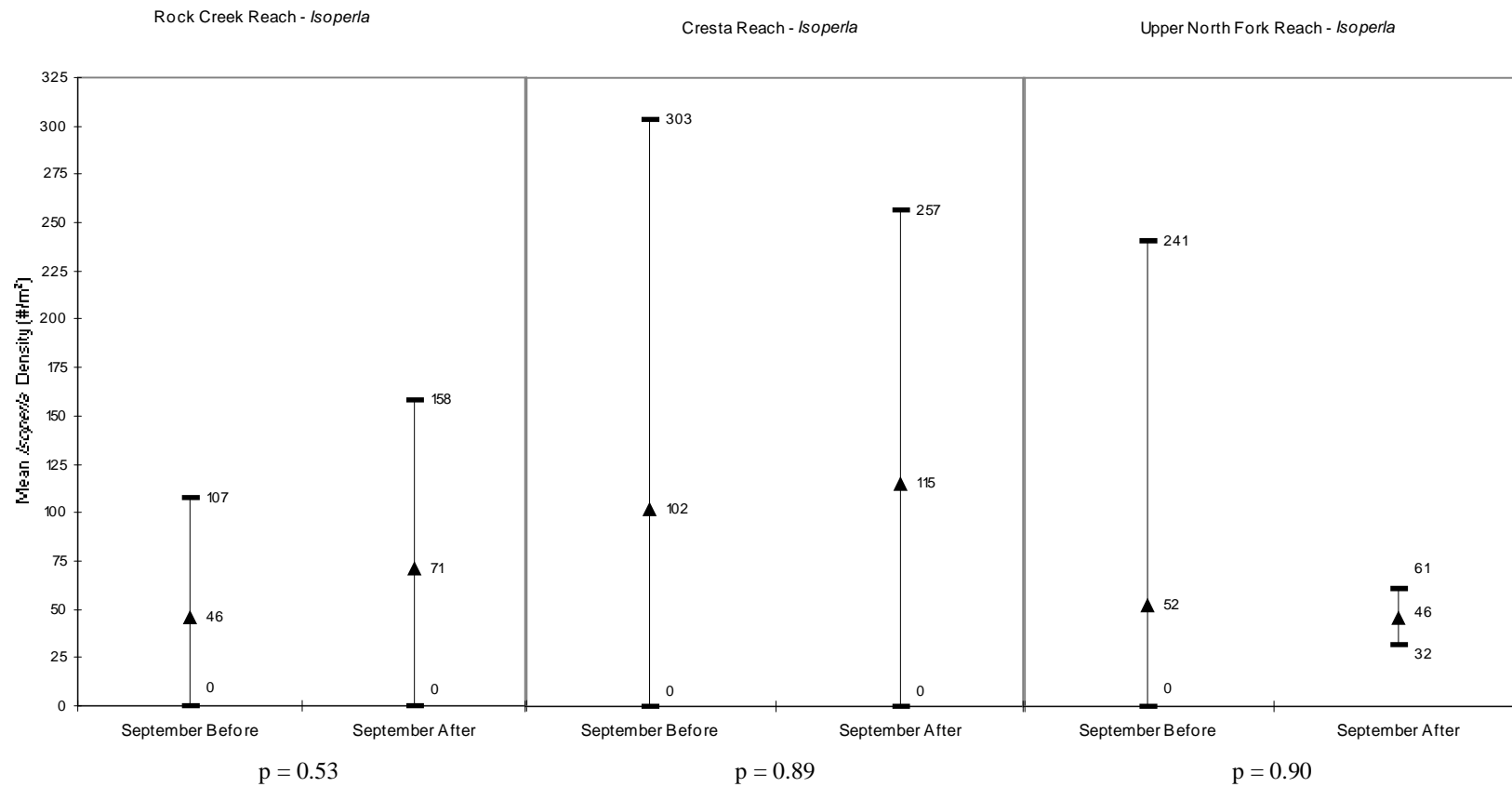
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-37. Mean Density for *Hydropsyche* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



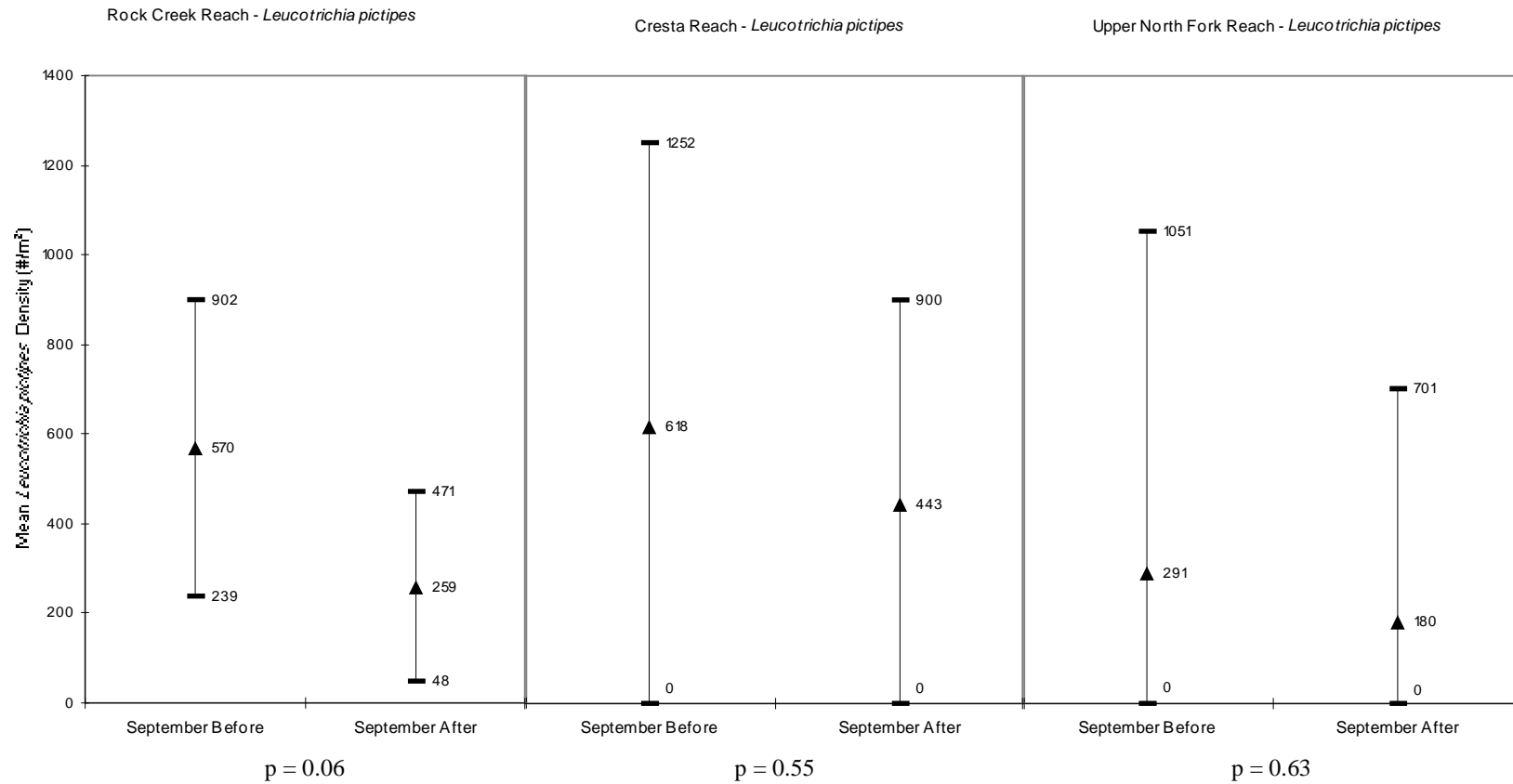
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-38. Mean Density for *Hydropsyche* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



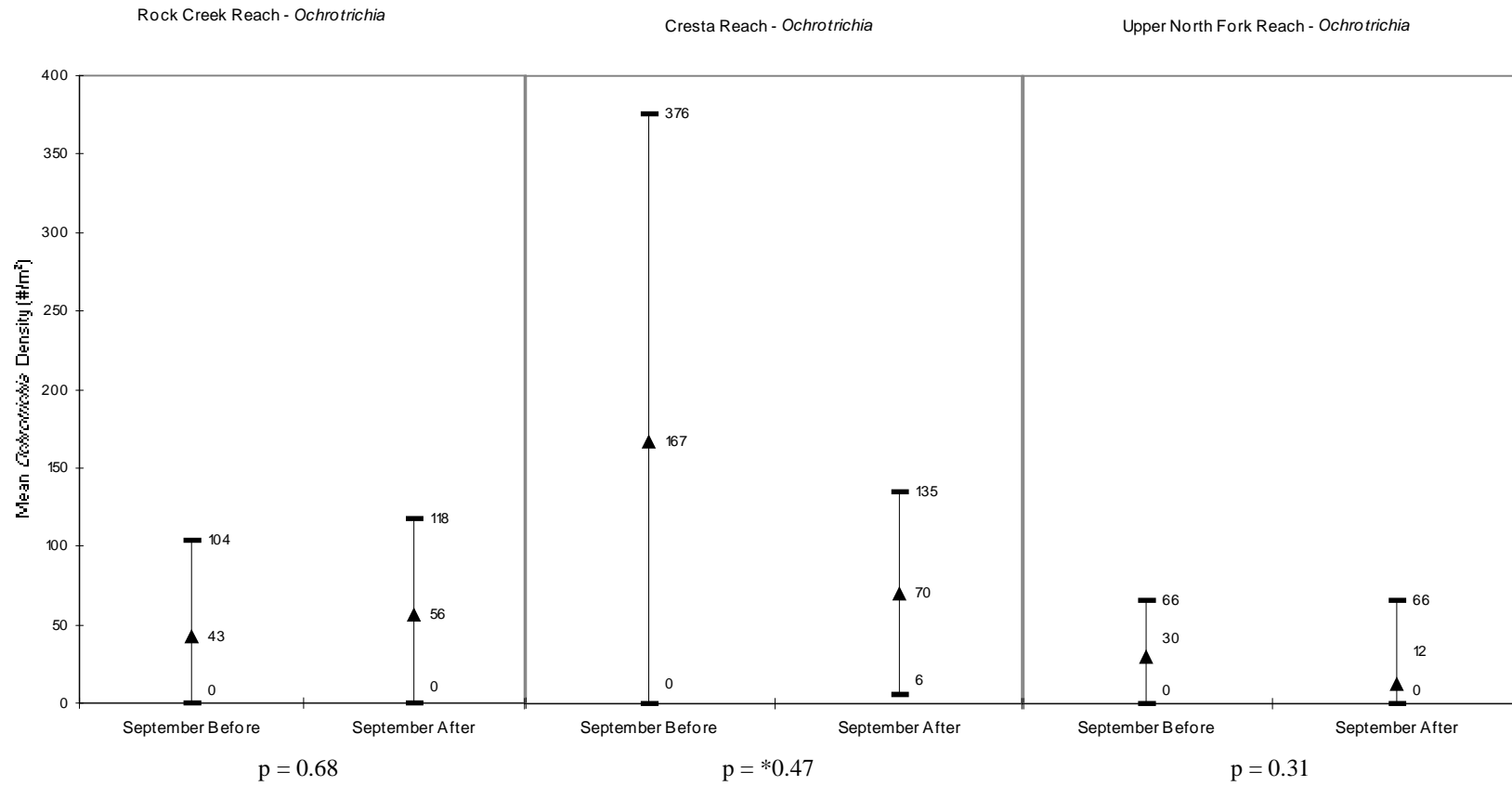
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-39. Mean Density for *Isoperla* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



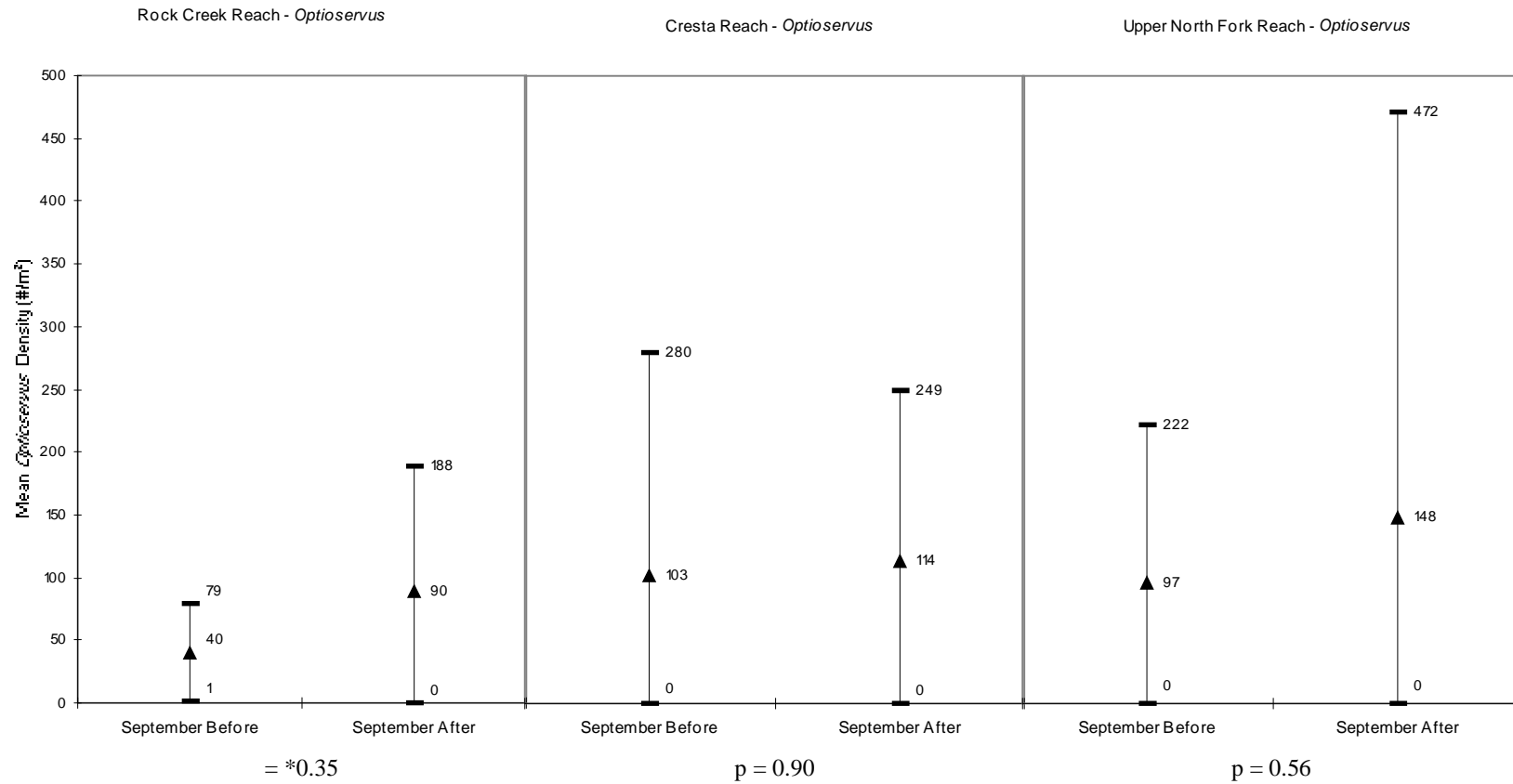
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-40. Mean Density for *Leucotrichia pictipes* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



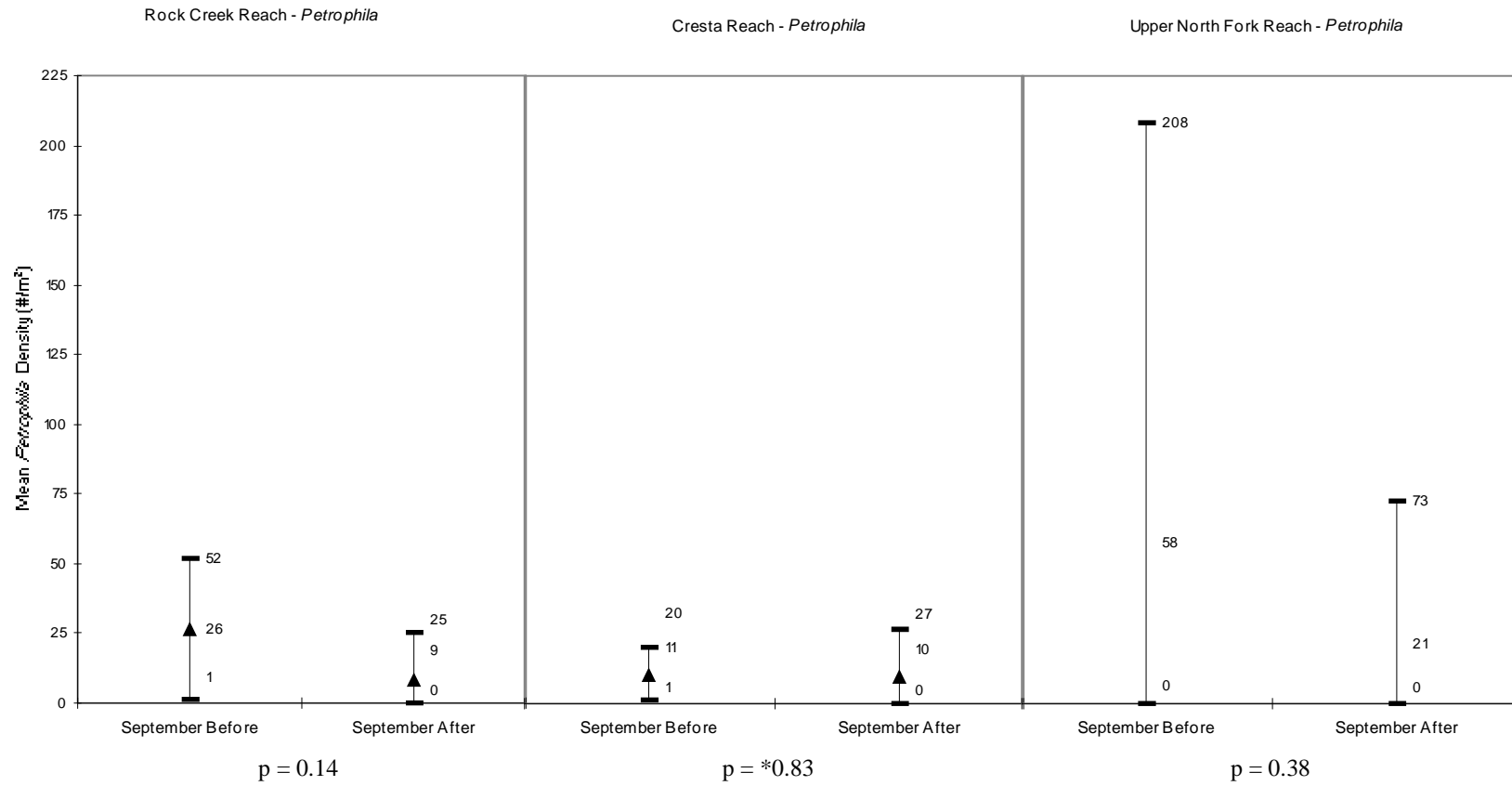
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-41. Mean Density for *Ochrotrichia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007 (* = Kruskal-Wallis p-value).



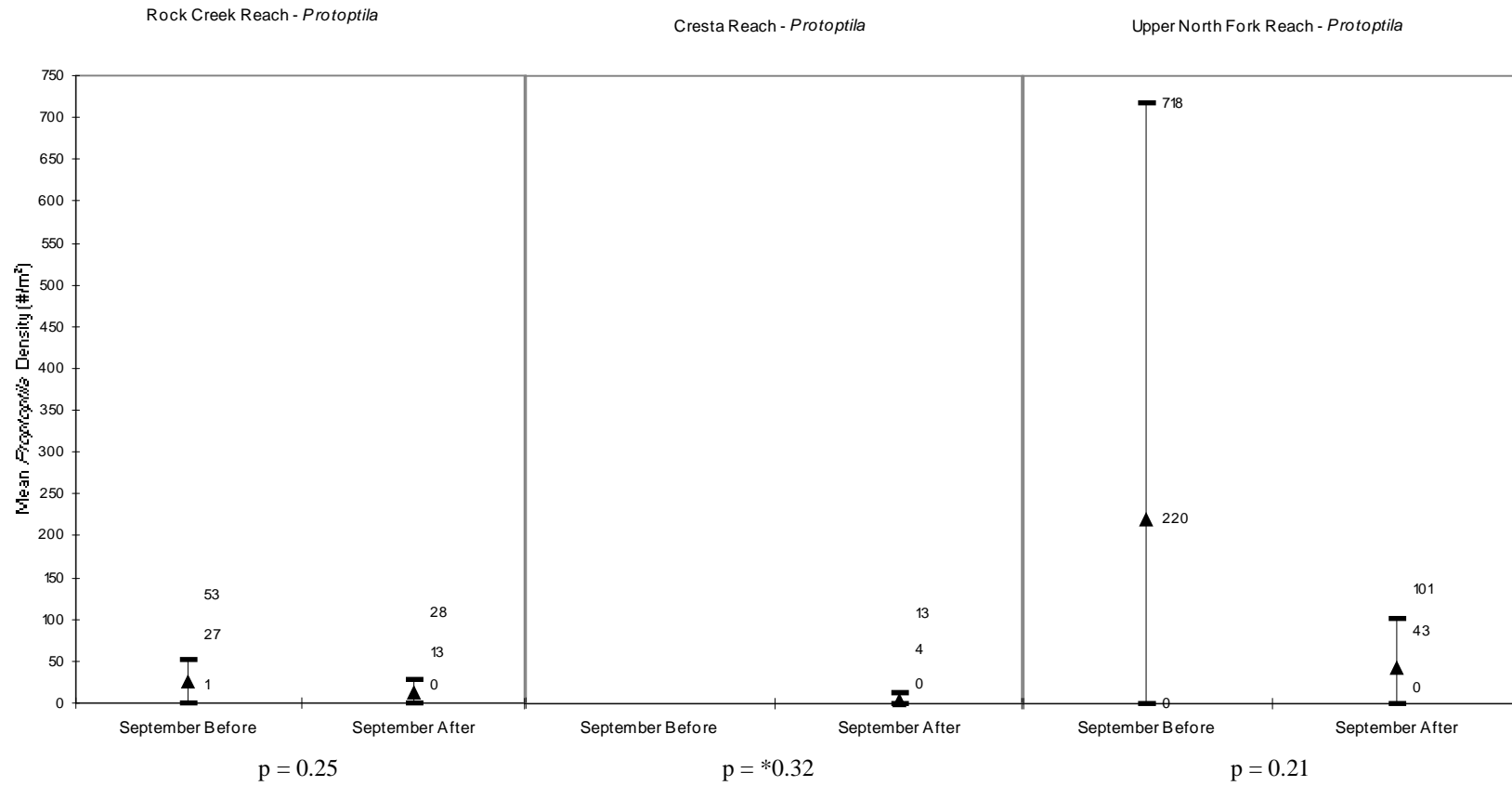
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-42. Mean Density for *Optioservus* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007 (* = Kruskal-Wallis p-value).



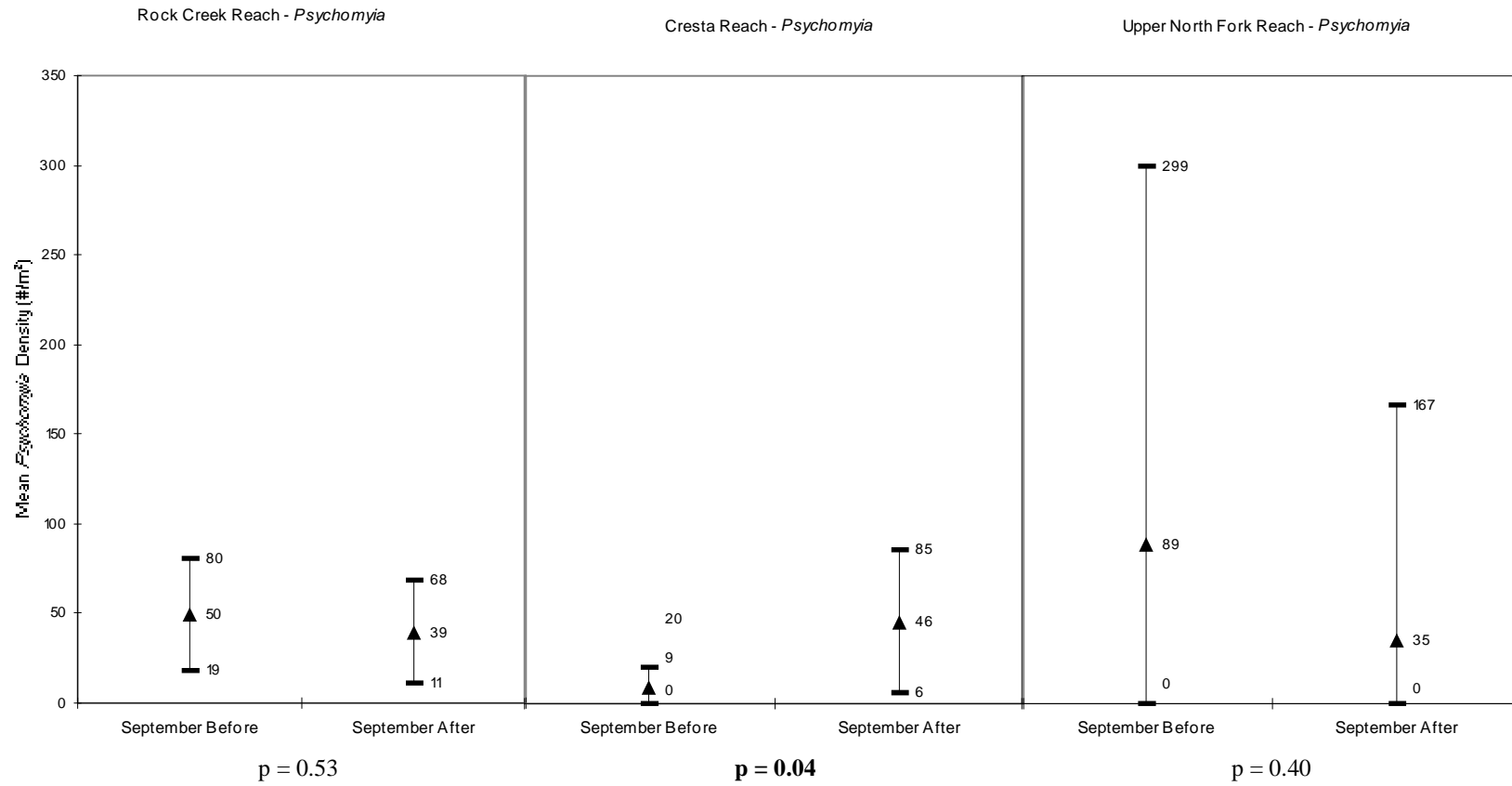
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-43. Mean Density for *Petrophila* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007 (* = Kruskal-Wallis p-value).



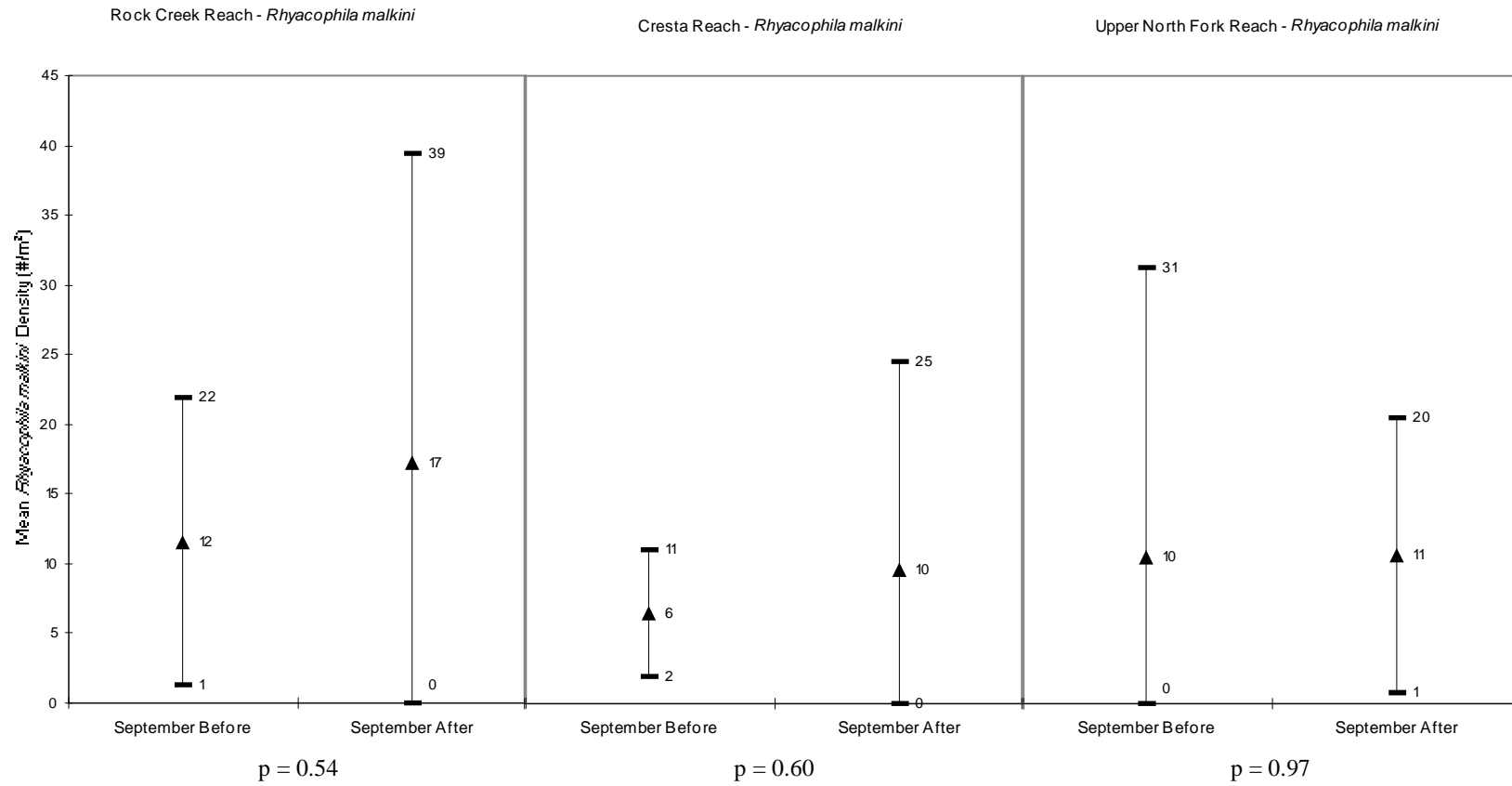
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-44. Mean Density for *Protoptila* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007 (* = Kruskal-Wallis p-value).



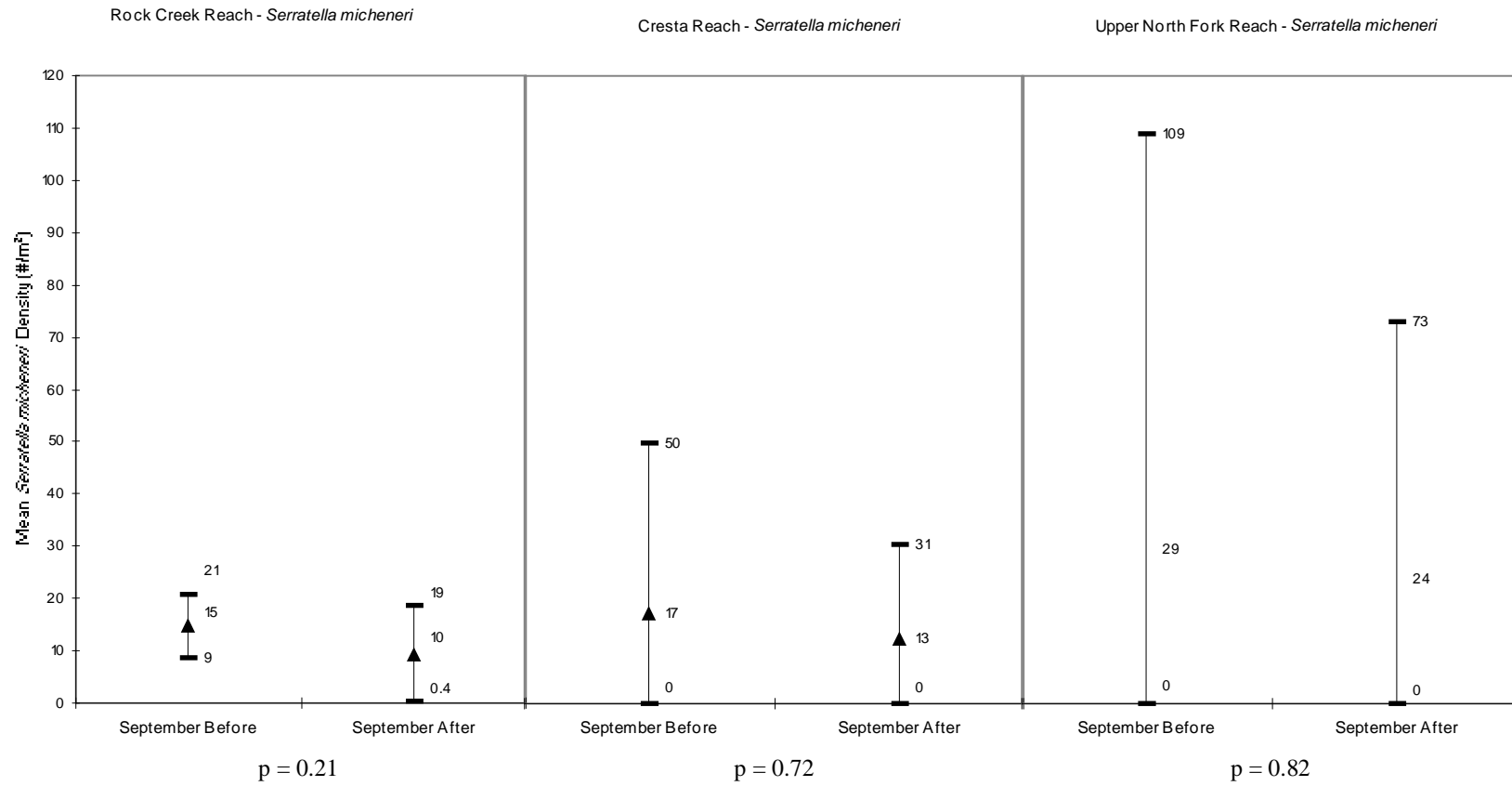
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-45. Mean Density for *Psychomyia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



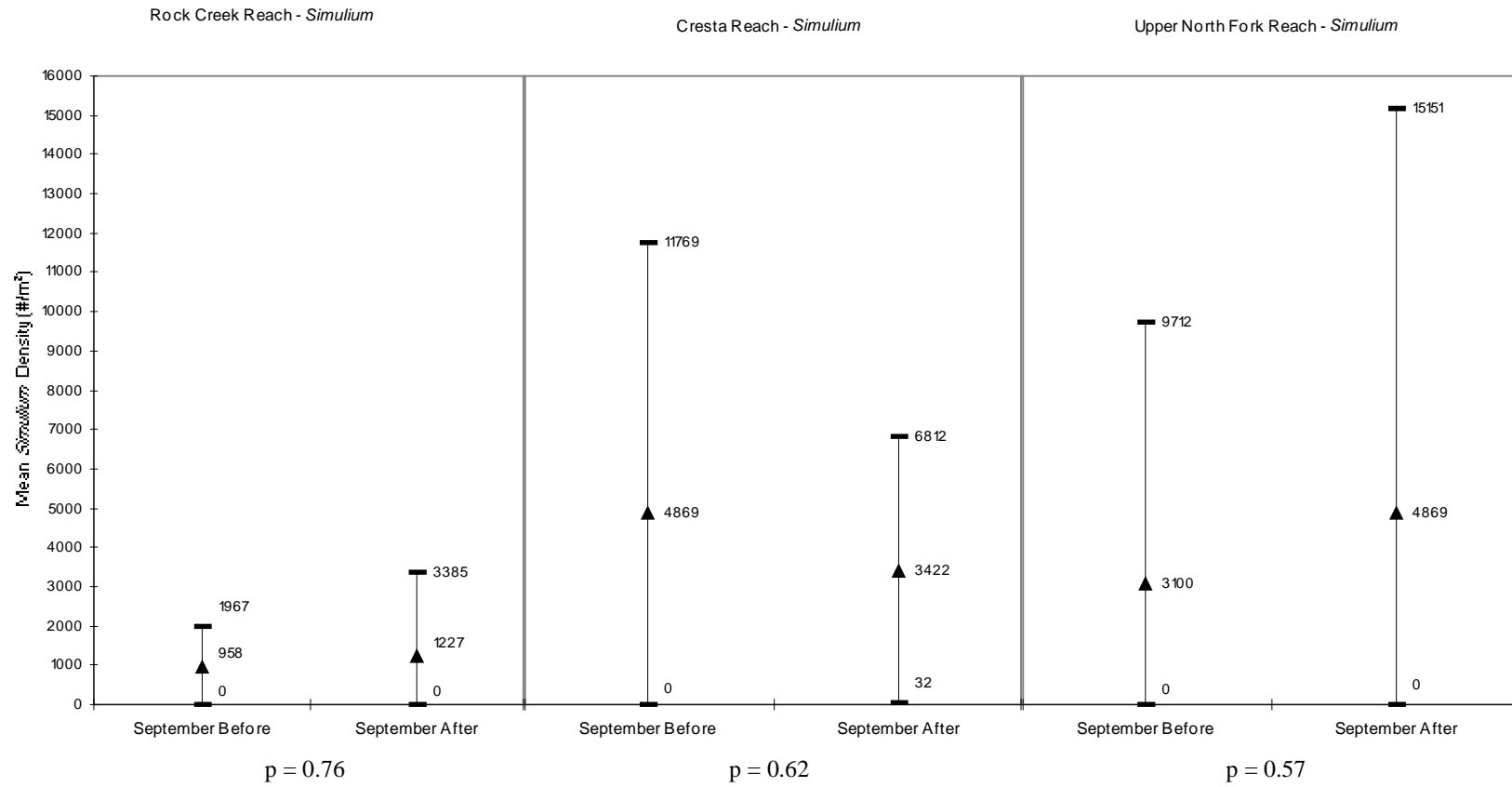
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-46. Mean Density for *Rhyacophila malkini* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



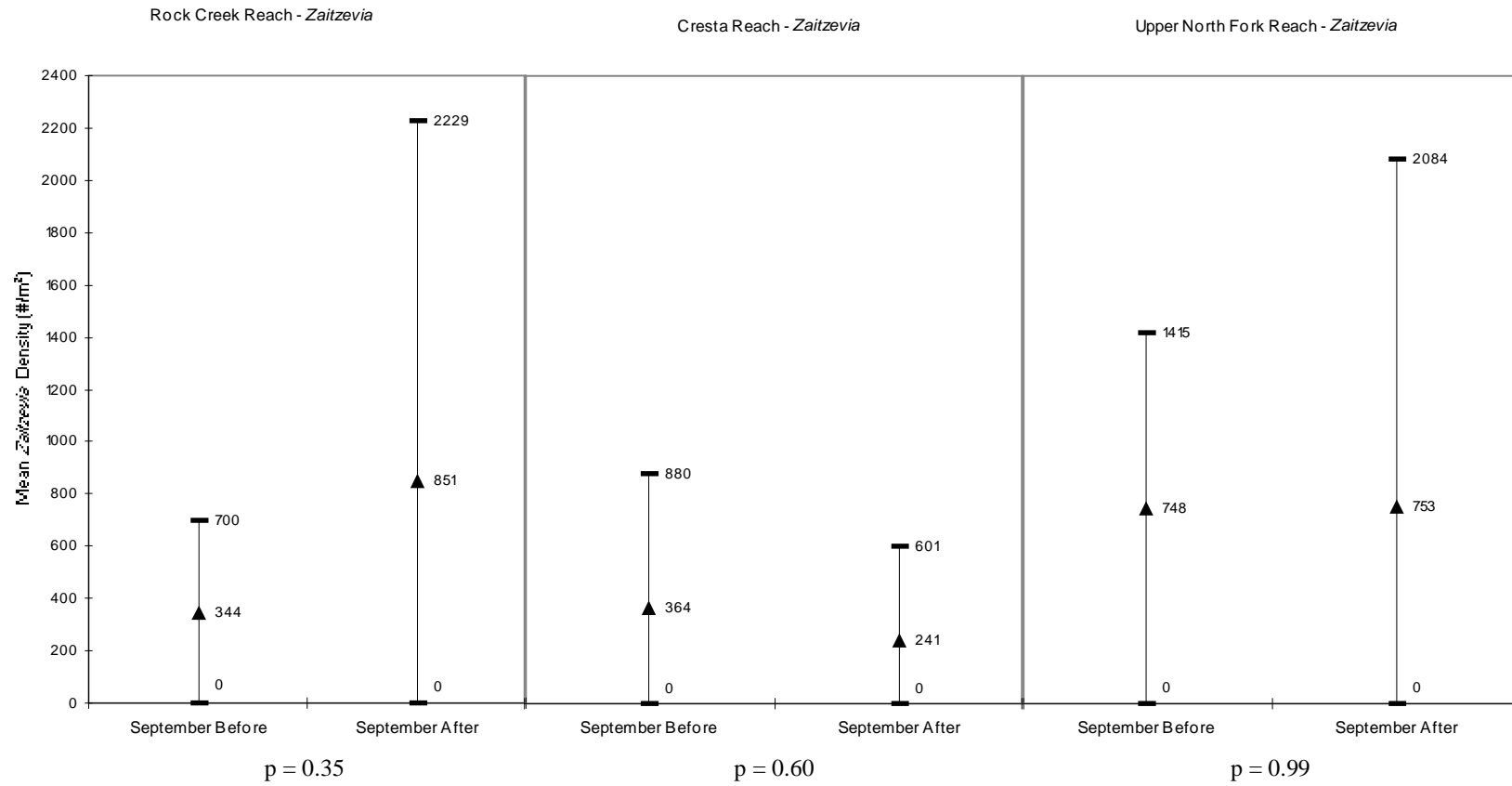
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-47. Mean Density for *Serratella micheneri* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-48. Mean Density for *Simulium* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.



Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-49. Mean Density for *Zaitzevia* with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, ANOVA, September 2007.

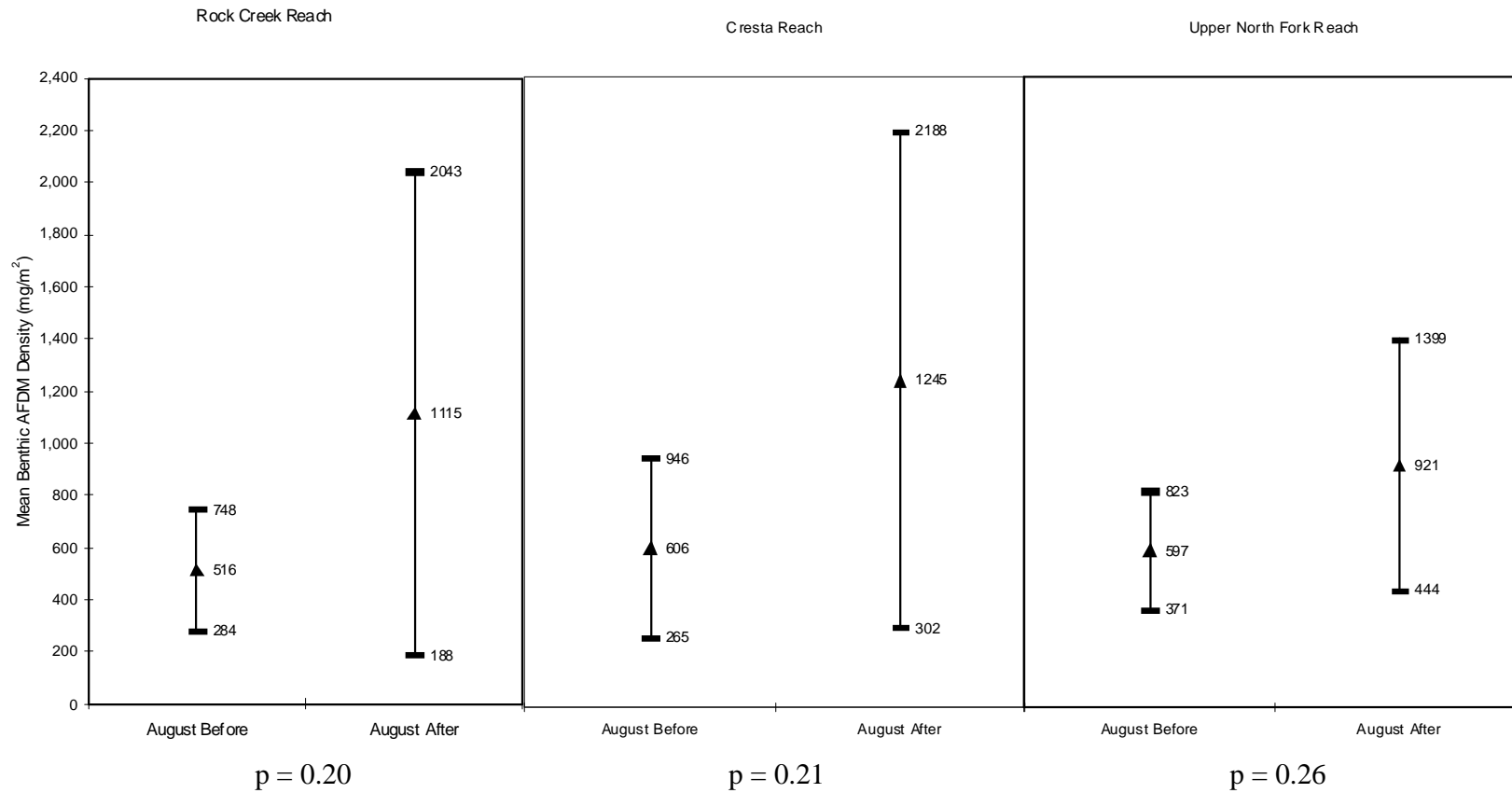


Figure 5.1-50. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.

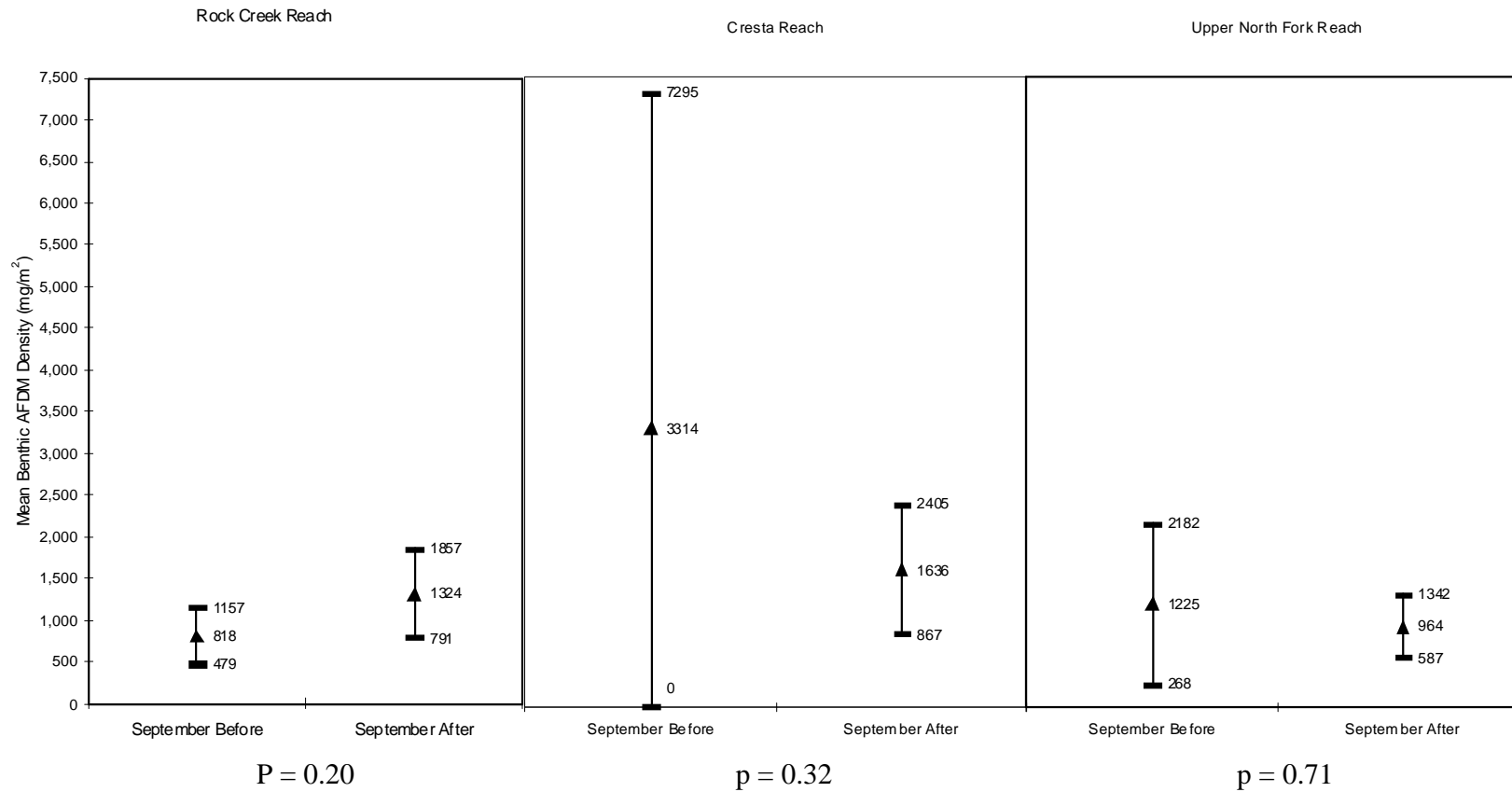


Figure 5.1-51. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.

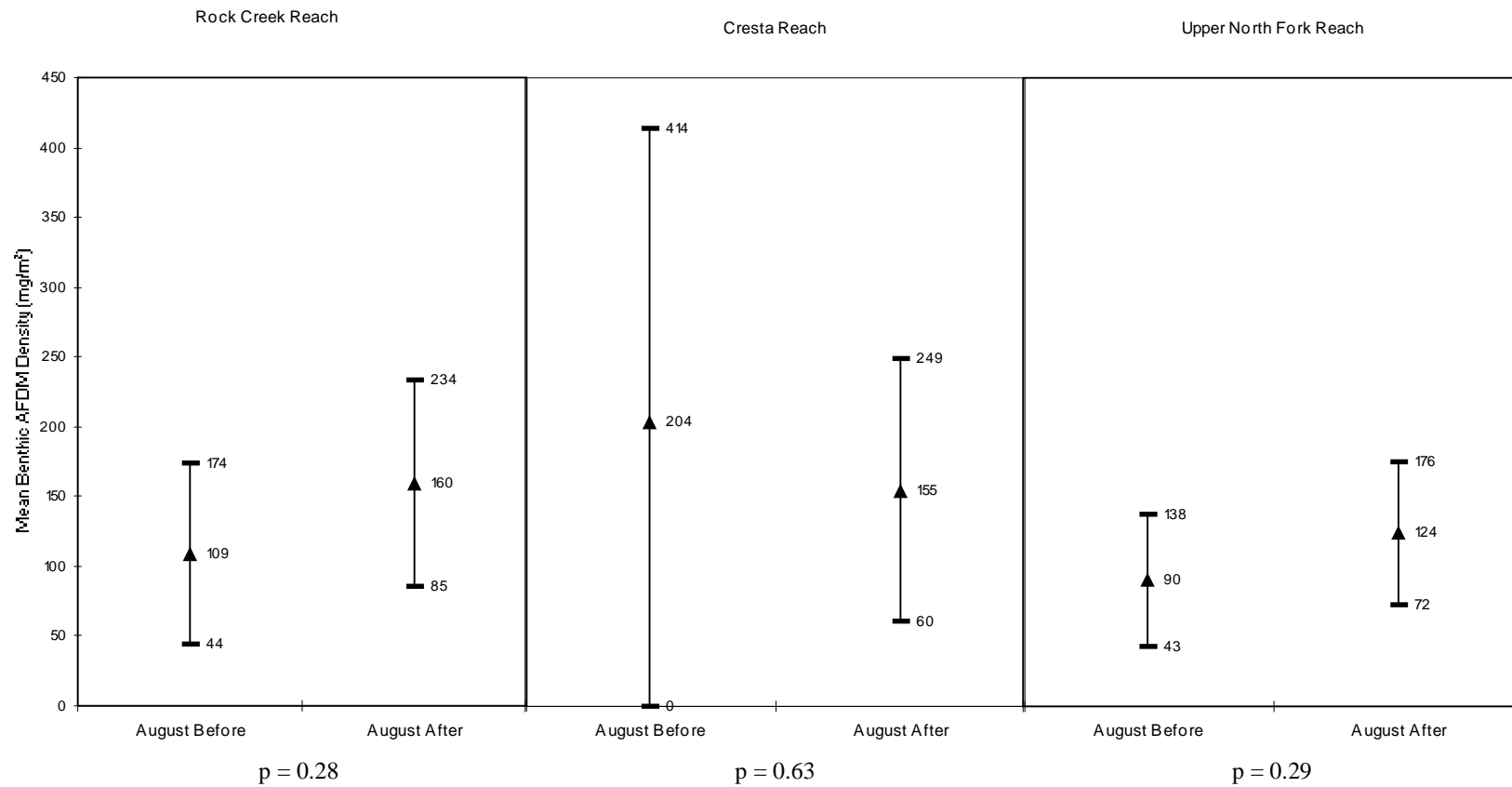


Figure 5.1-52. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for Large Macroinvertebrate for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.

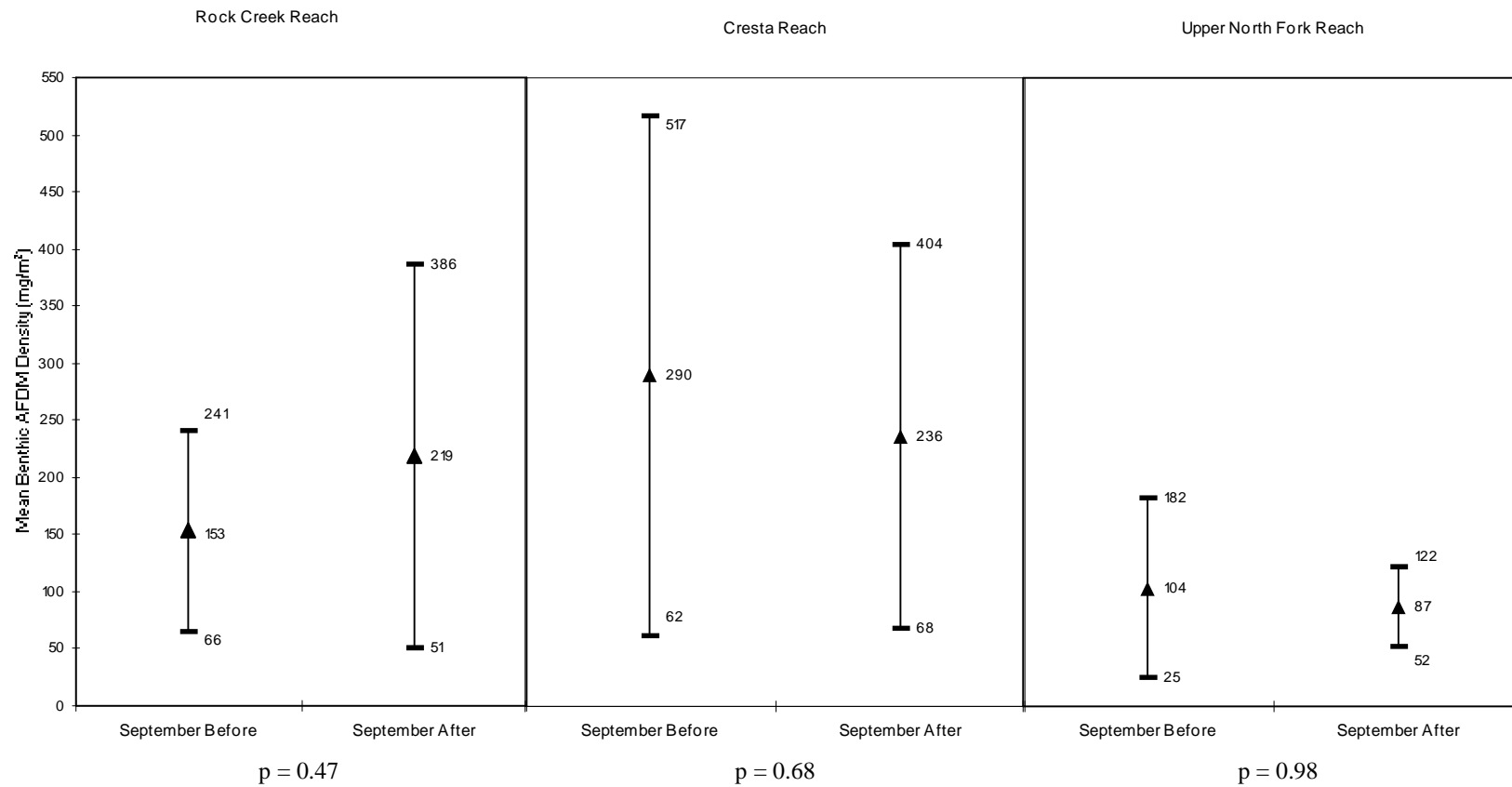


Figure 5.1-53. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for Large Macroinvertebrate for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.

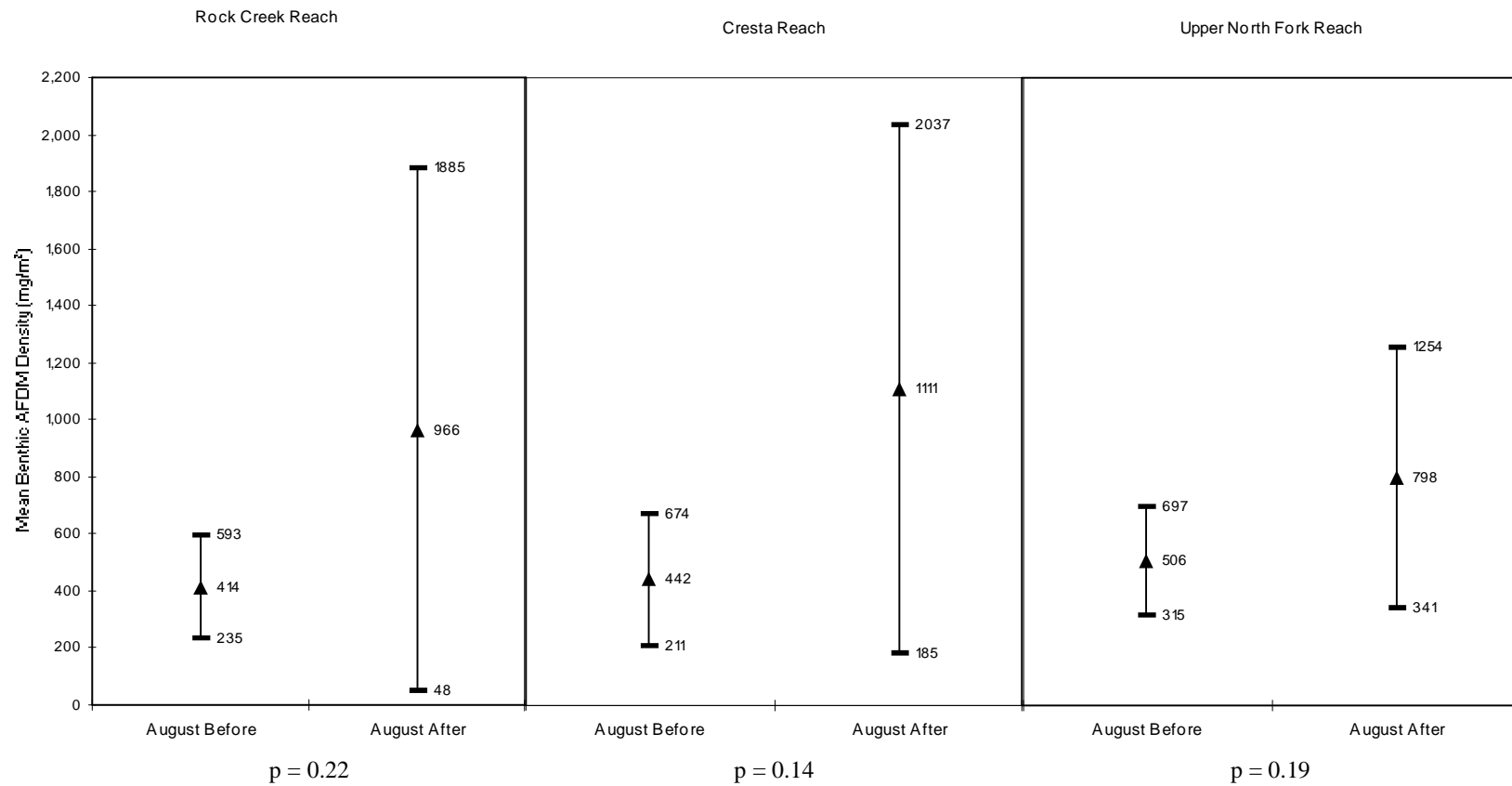


Figure 5.1-54. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for Small Macroinvertebrate for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.

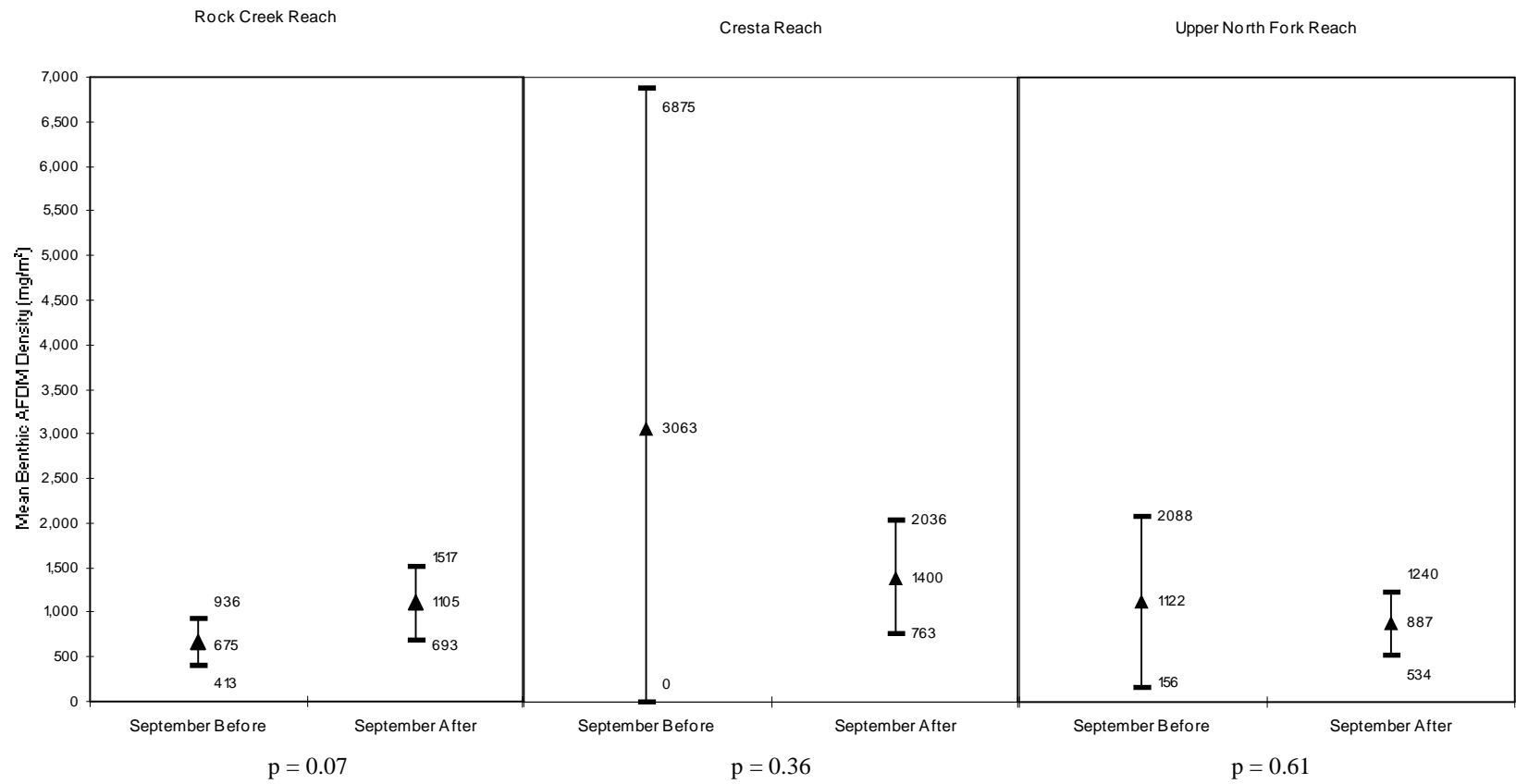


Figure 5.1-55. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for Small Macroinvertebrate for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.

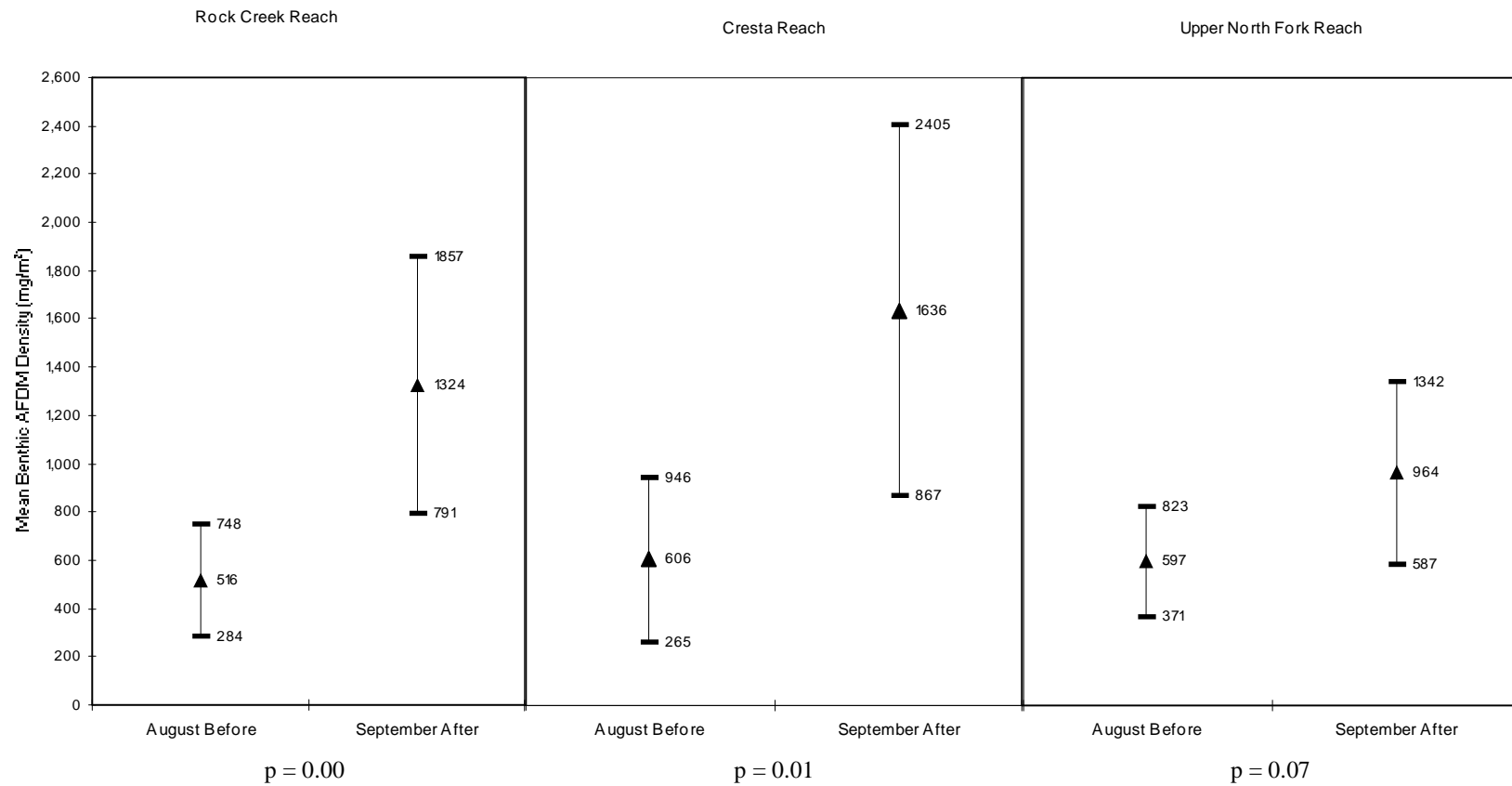


Figure 5.1-56. Long Term Hypotheses for Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August and September 2007.

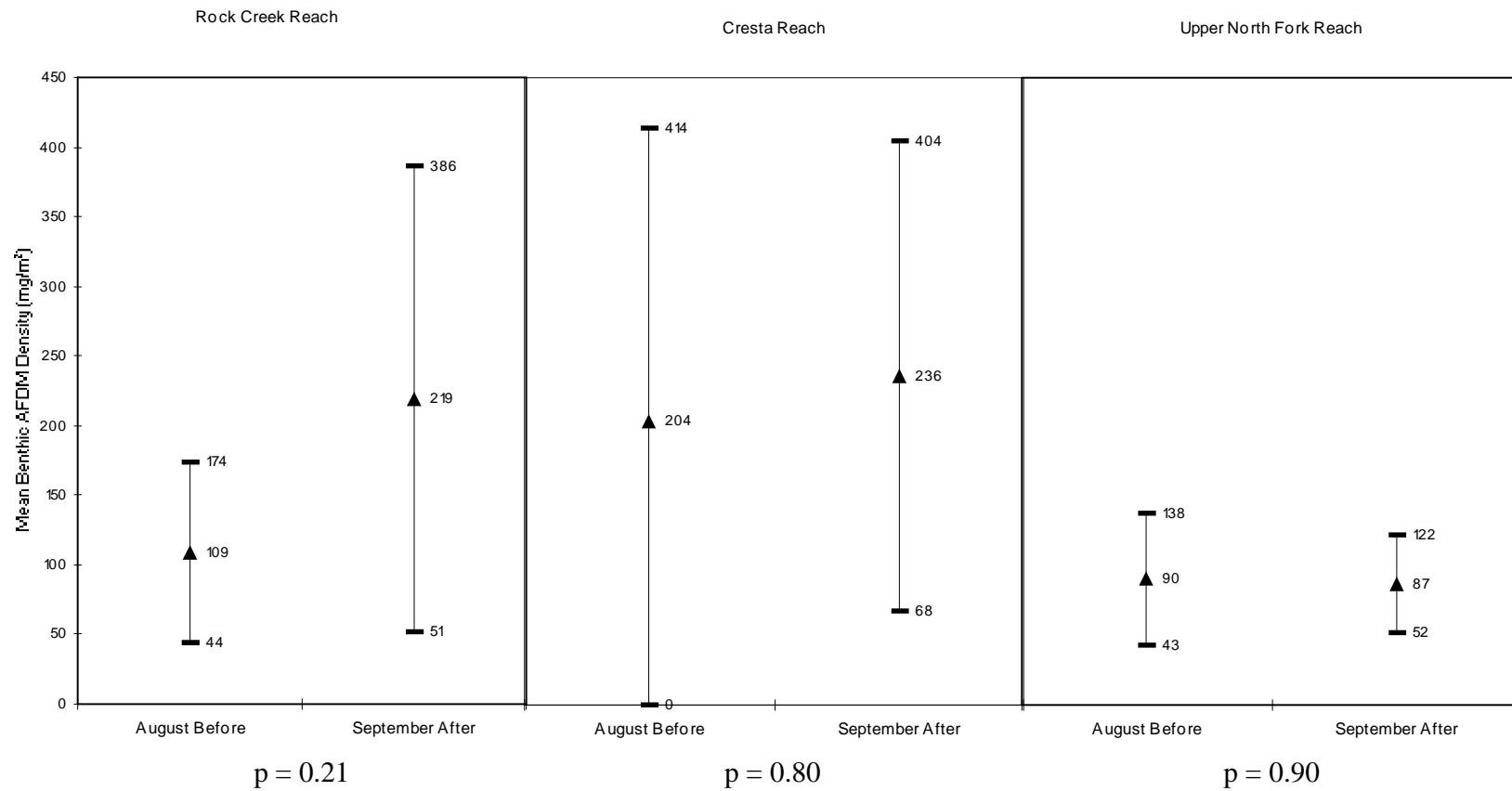


Figure 5.1-57. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for Large Macroinvertebrate (>15 mm) Long Term Comparison for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August and September 2007.

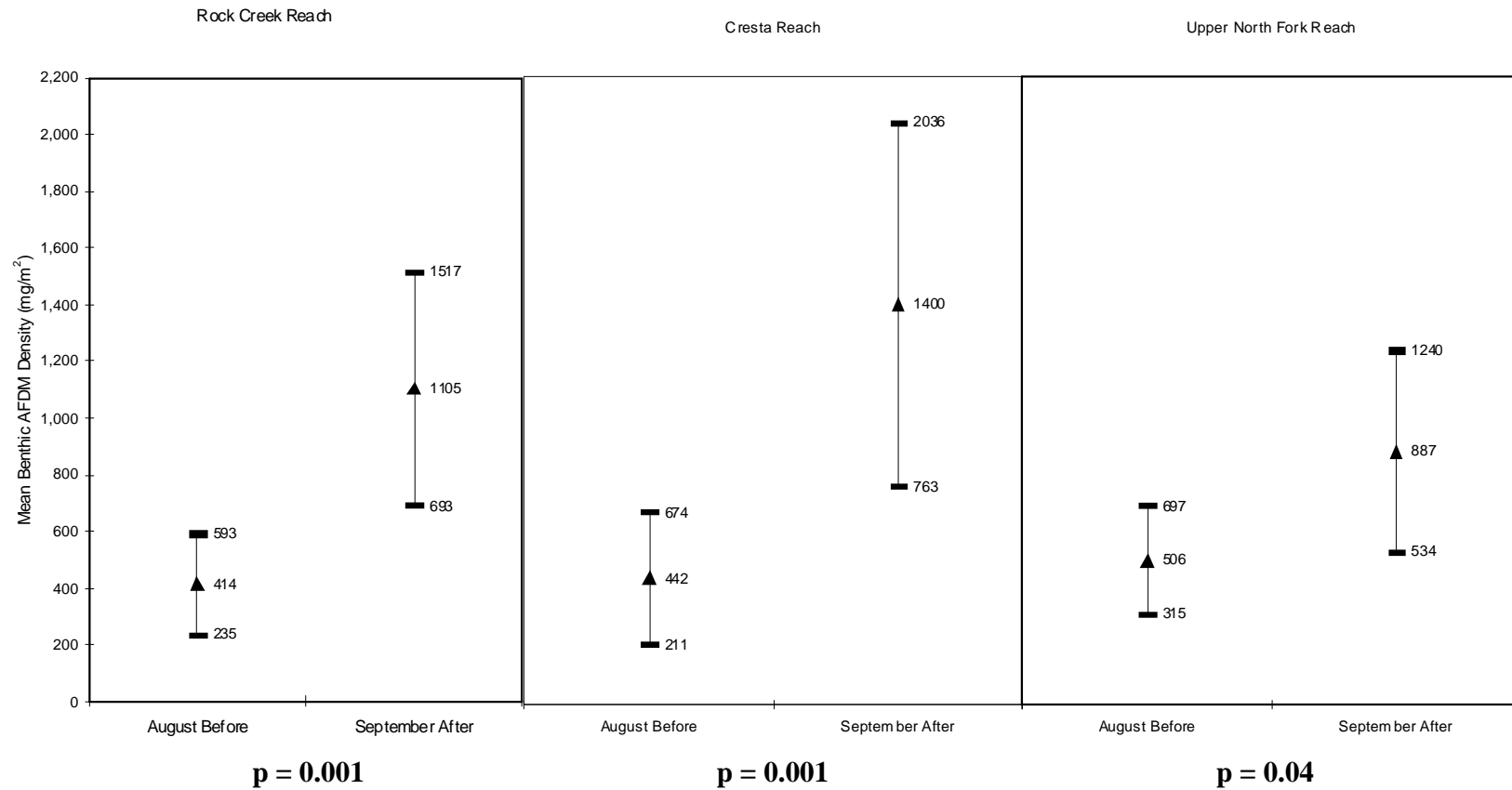
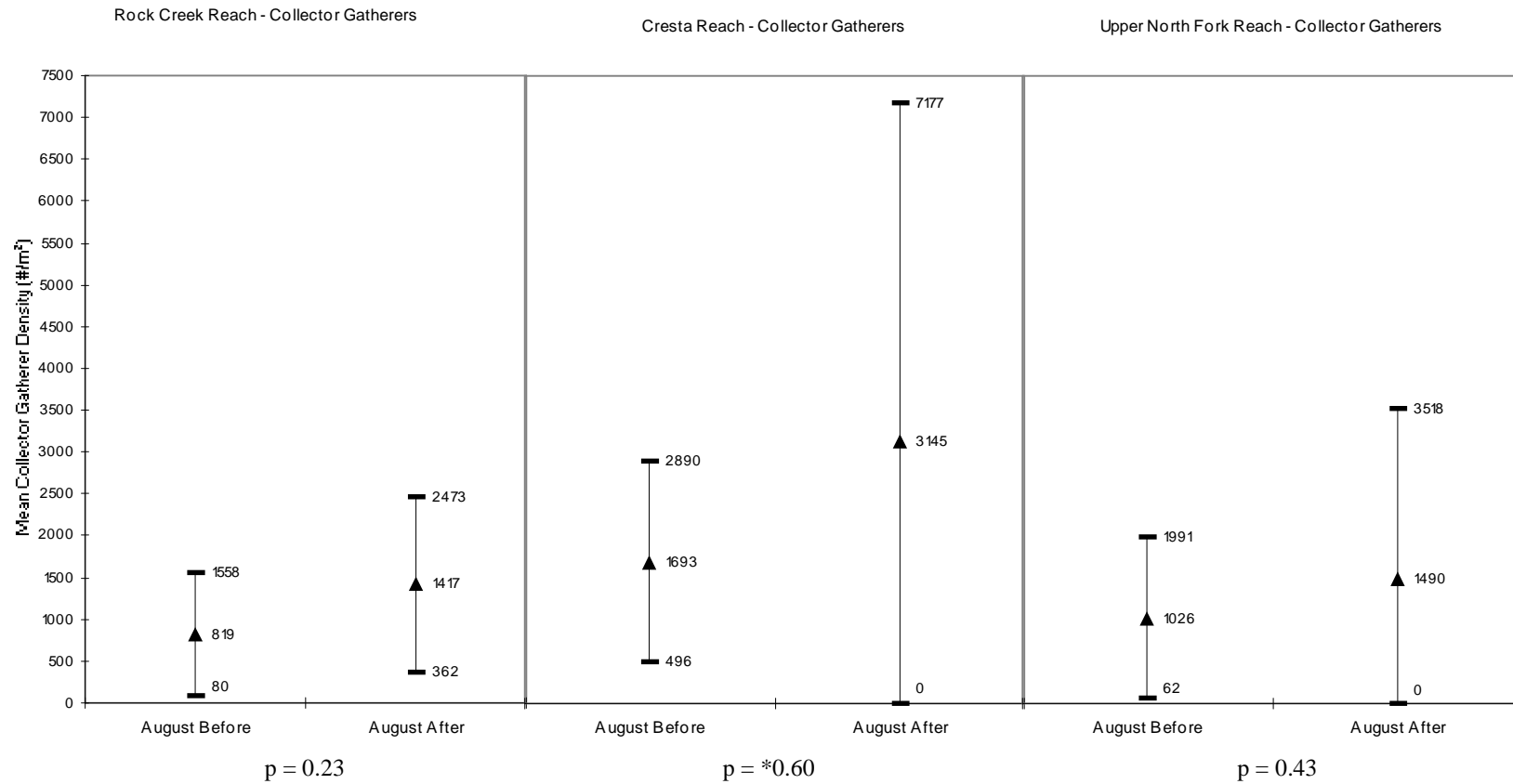
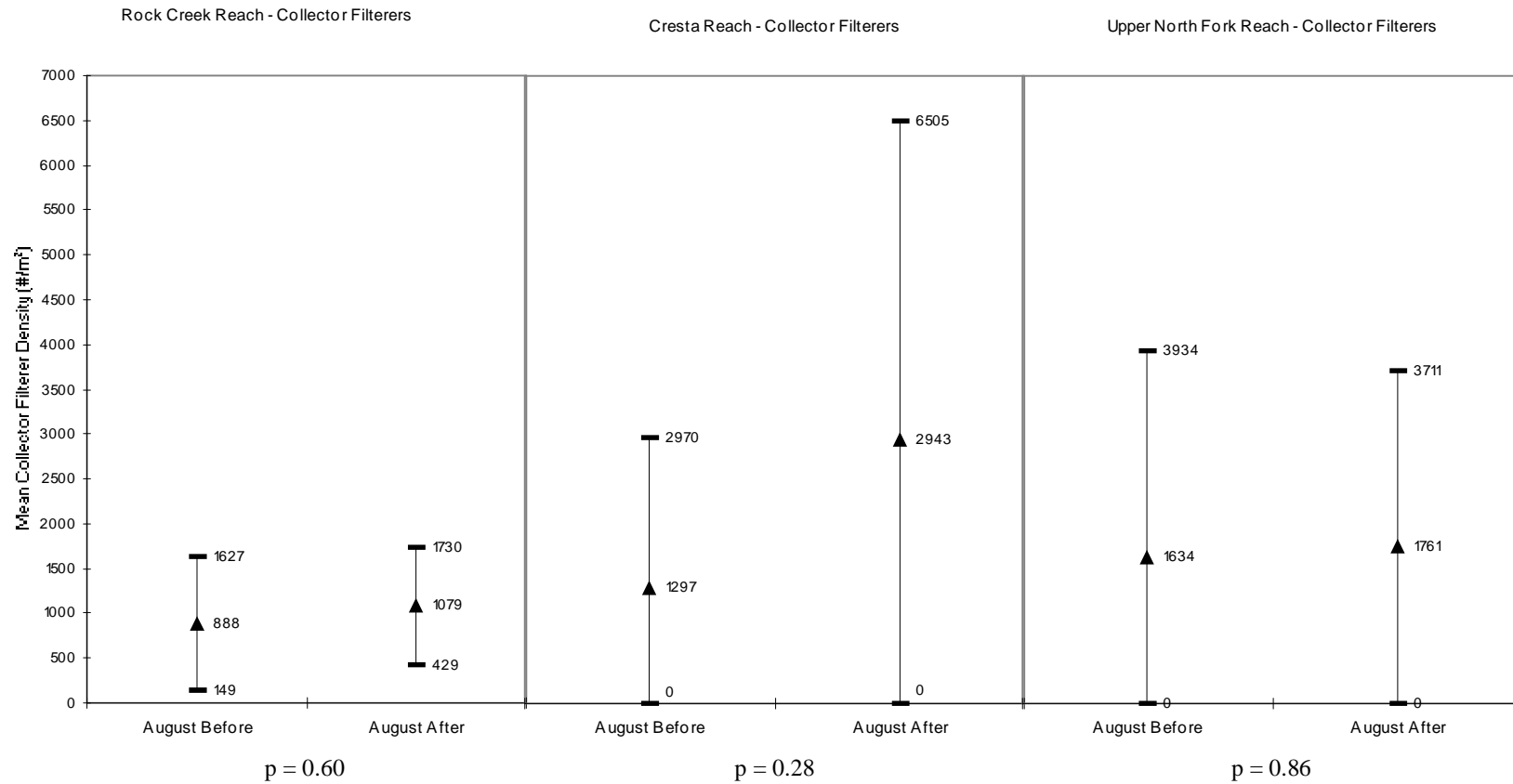


Figure 5.1-58. Mean Macroinvertebrate Ash-Free Dry Mass Density With 95 Percent Confidence Intervals for Small Macroinvertebrate (<15 mm) Long Term Comparison for the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August and September 2007.



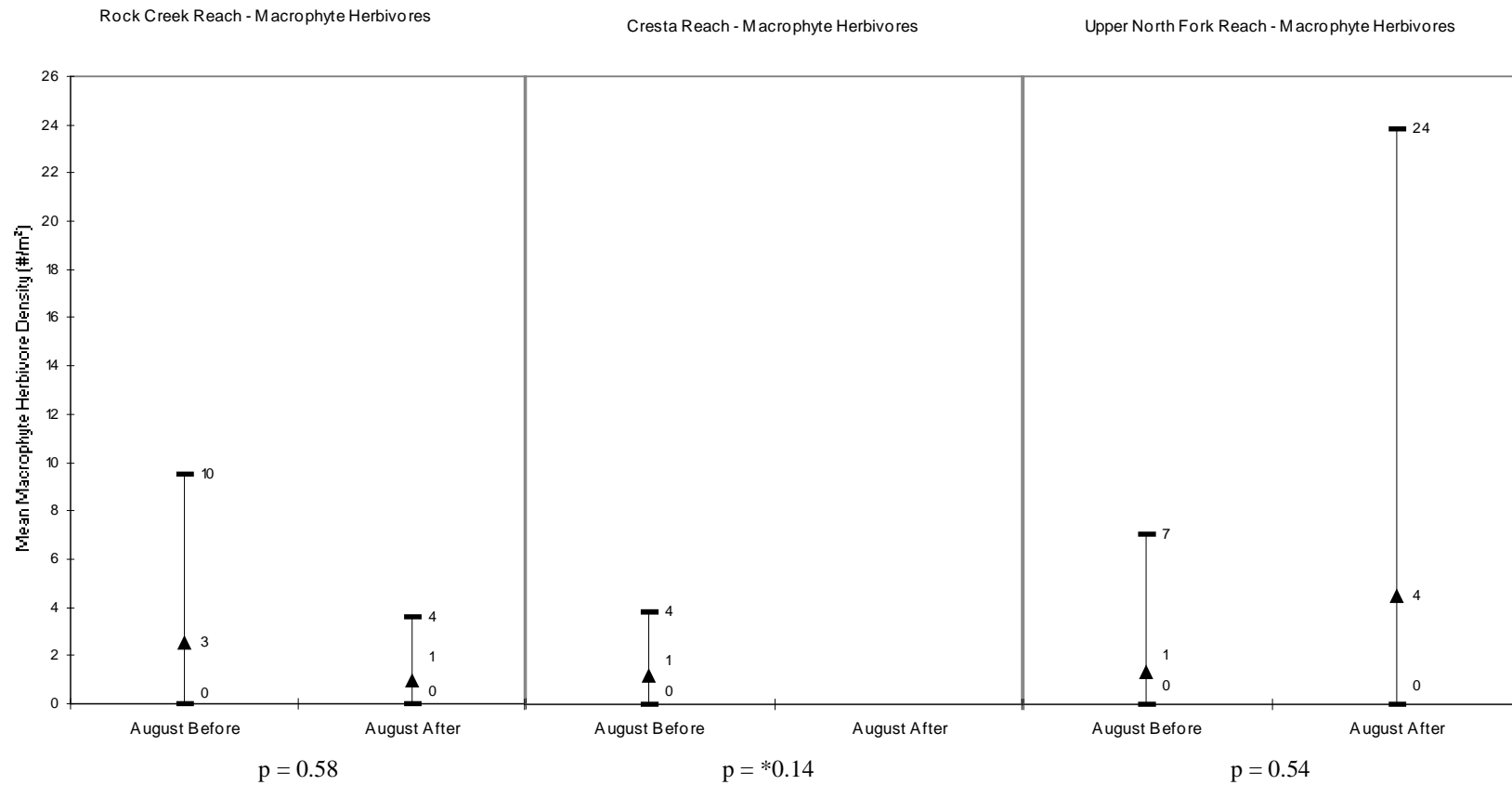
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-59. Mean Functional-Feeding Group Density for Collector Gatherers with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007 (* = Kruskal-Wallis p-value).



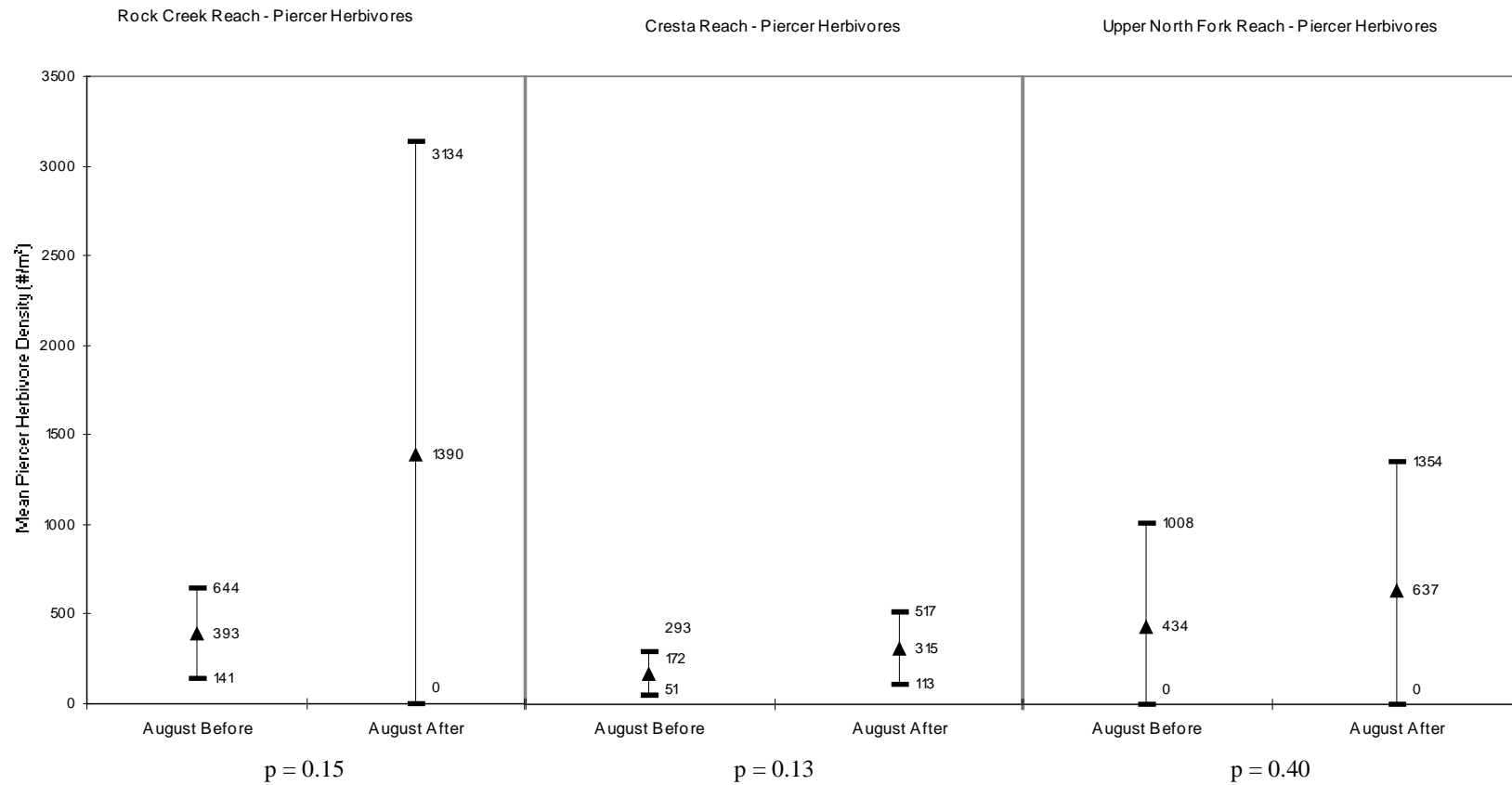
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-60. Mean Functional-Feeding Group Density for Collector Filterers with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



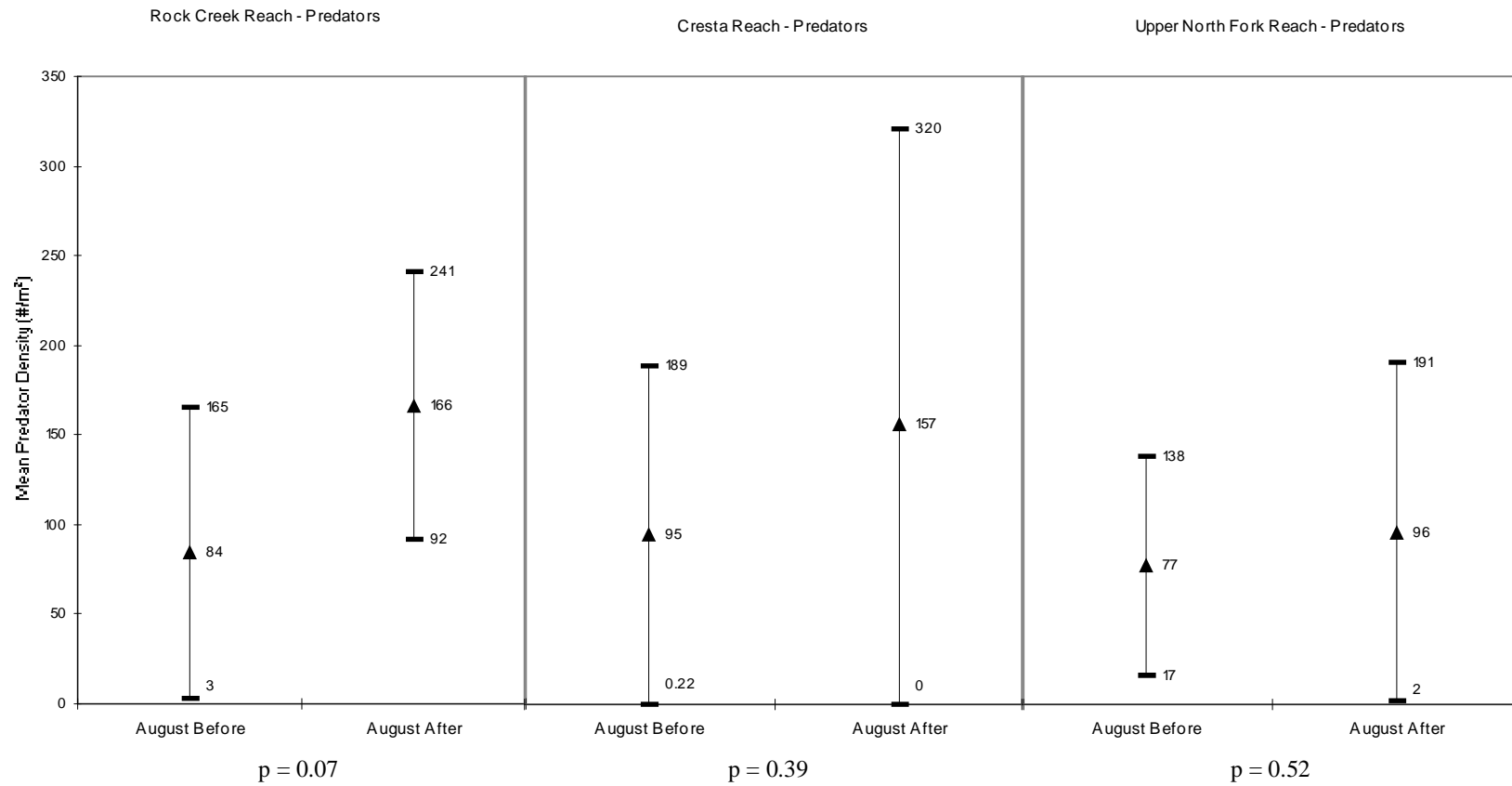
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-61. Mean Functional-Feeding Group Density for Macrophyte Herbivores with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007 (* = Kruskal-Wallis p-value).



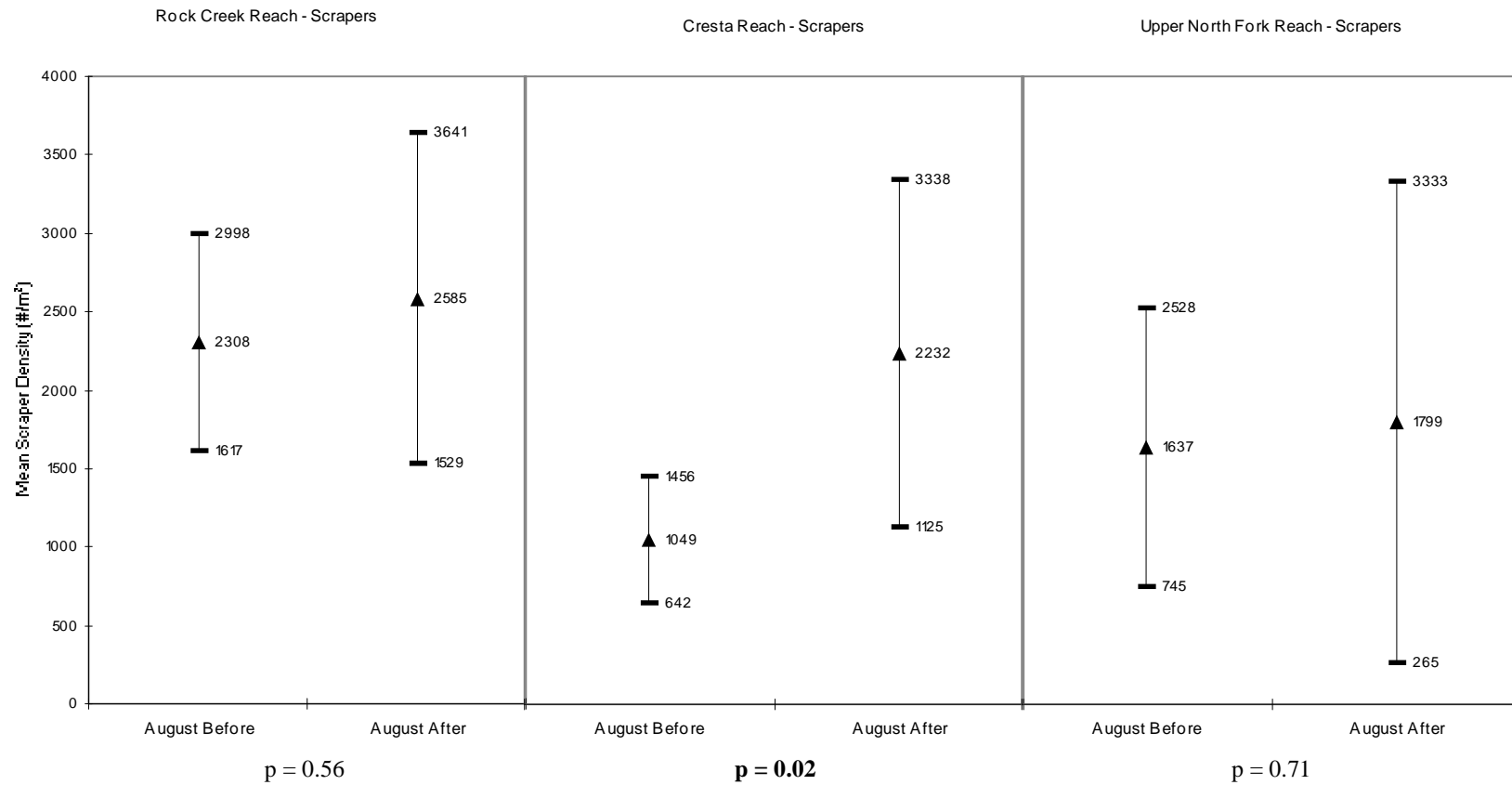
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-62. Mean Functional-Feeding Group Density for Piercer Herbivores with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



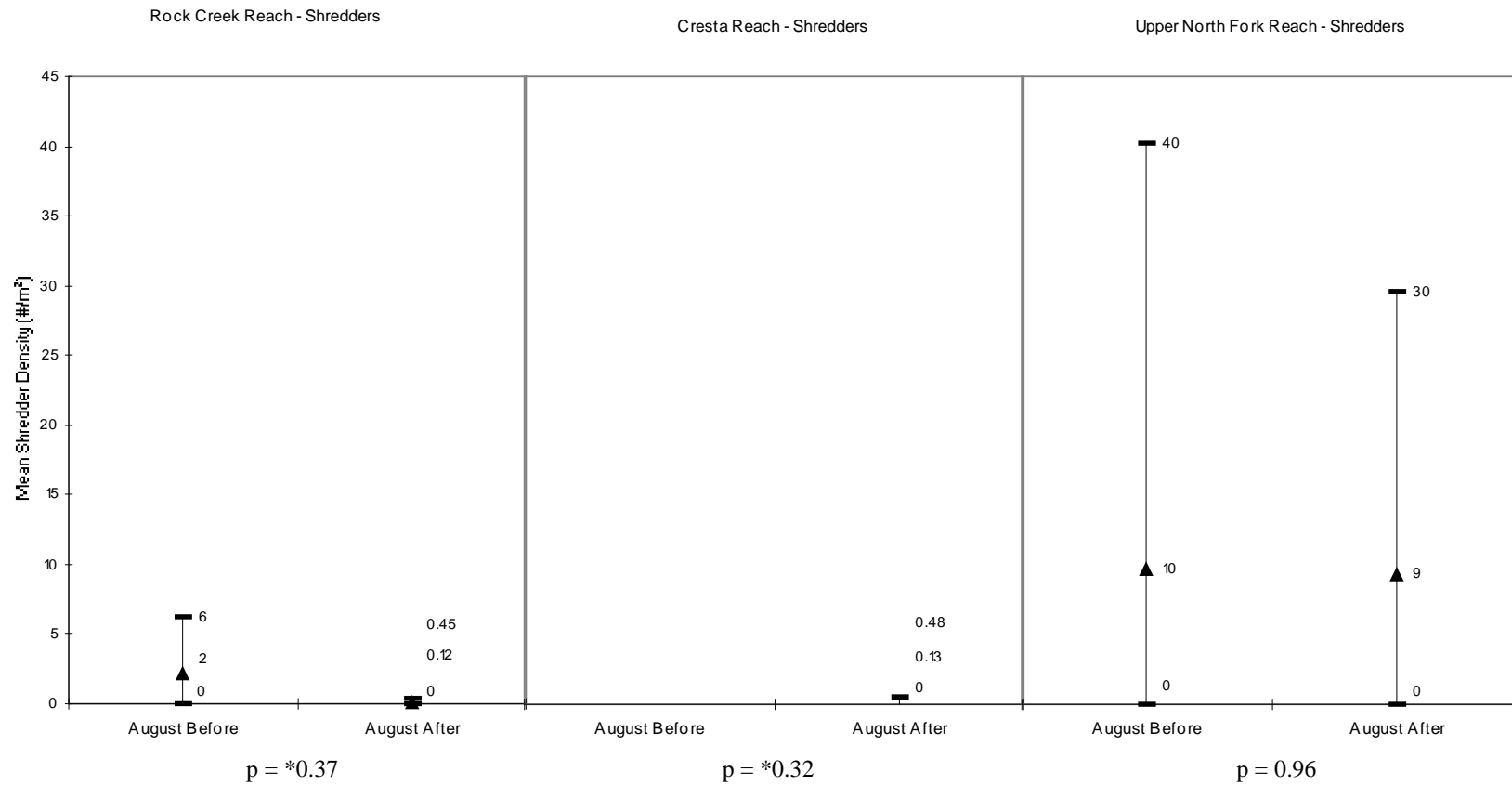
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-63. Mean Functional-Feeding Group Density for Predators with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



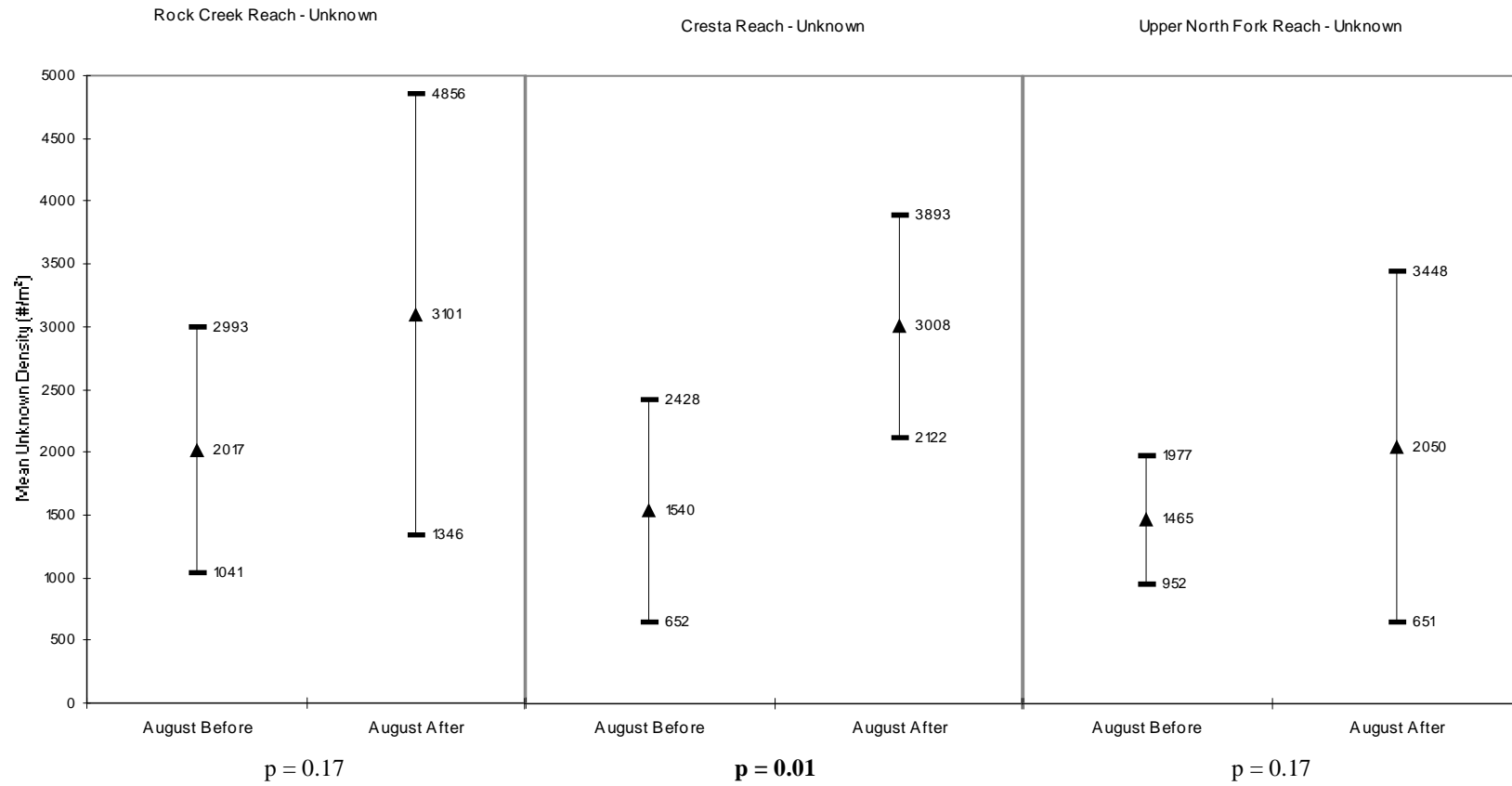
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-64. Mean Functional-Feeding Group Density for Scrapers with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



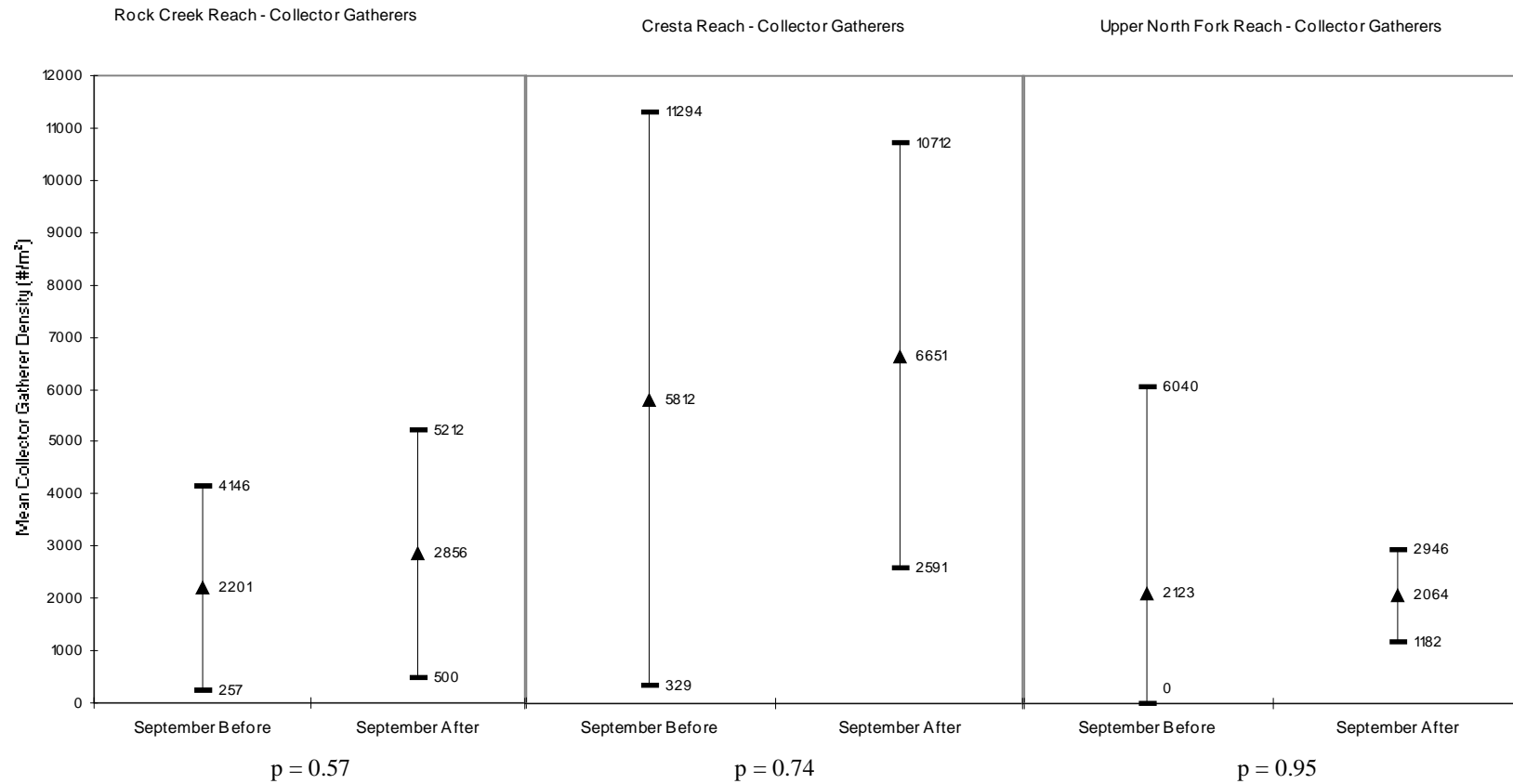
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-65. Mean Functional-Feeding Group Density for Shredders with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007 (* = Kruskal-Wallis p-value).



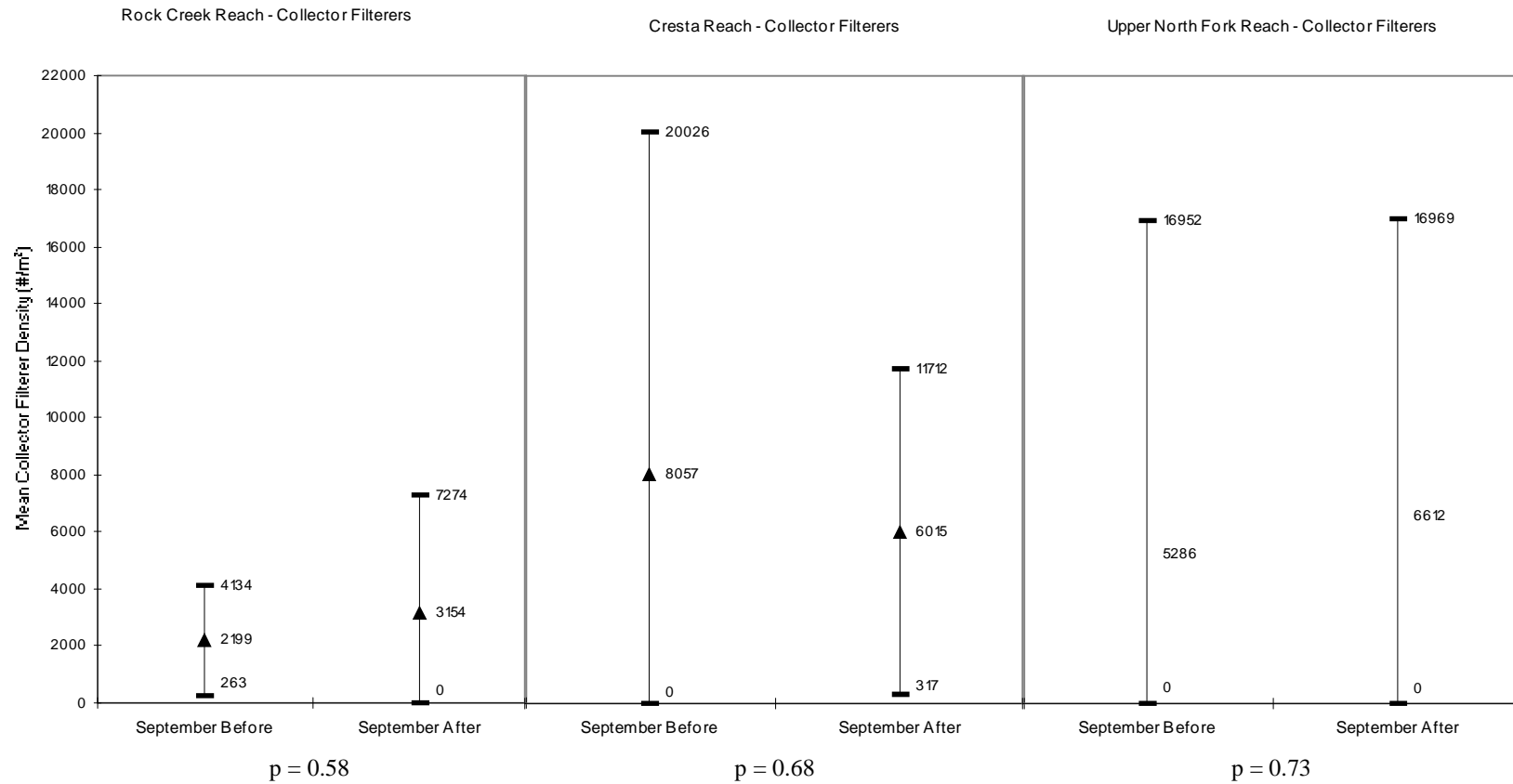
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-66. Mean Functional-Feeding Group Density for Unknown with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



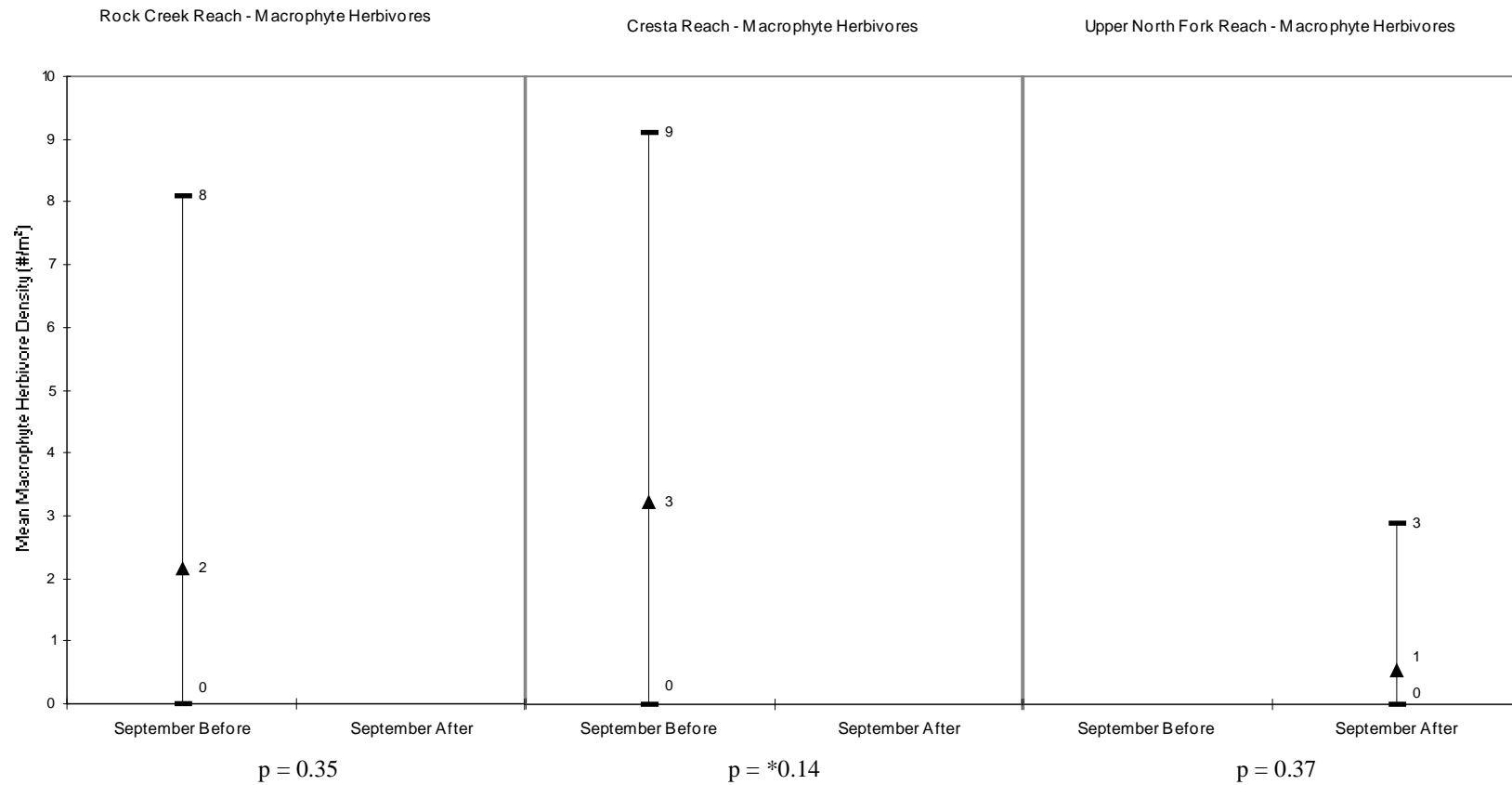
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-67. Mean Functional-Feeding Group Density for Collector Gatherers with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



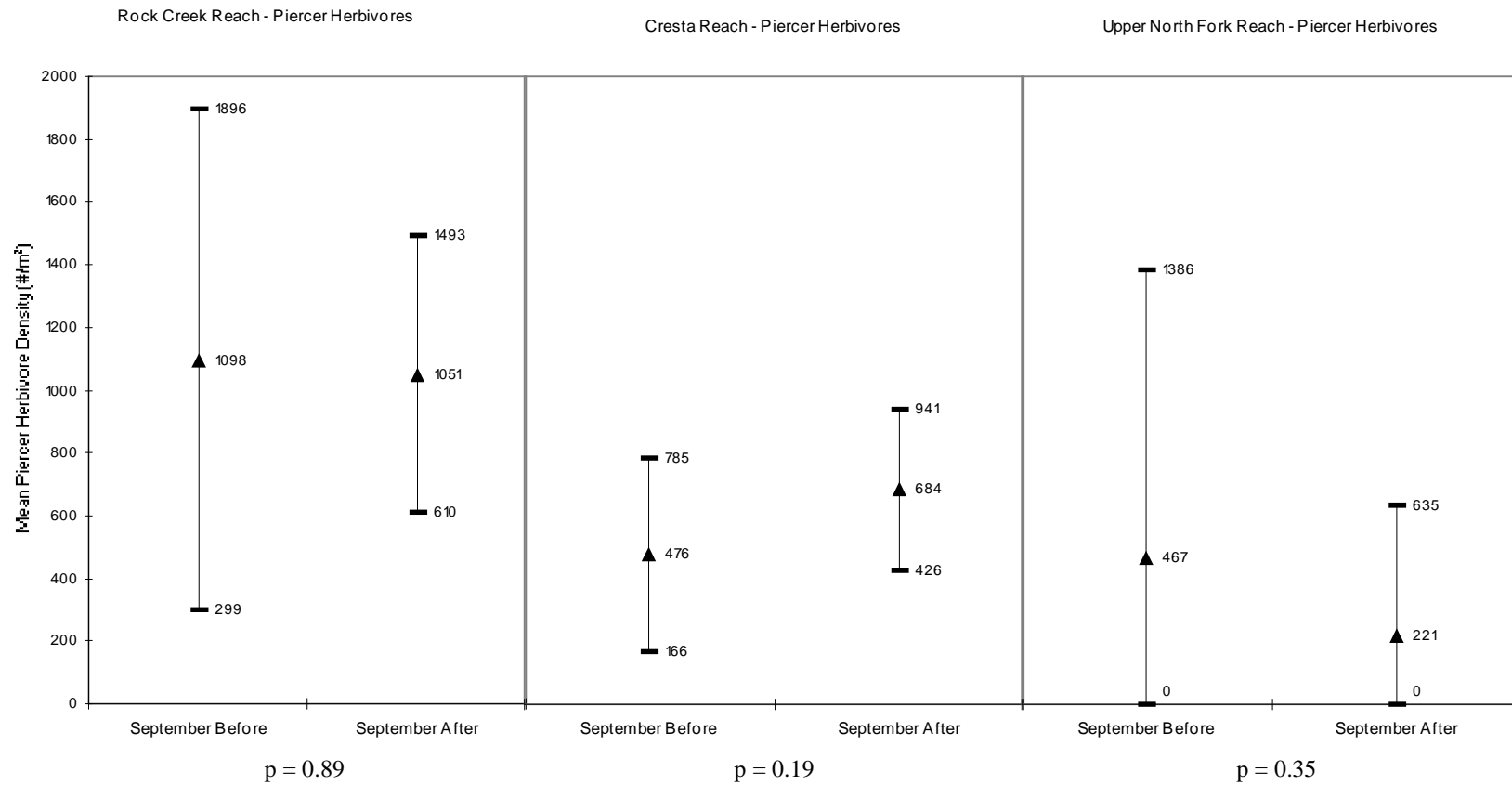
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-68. Mean Functional-Feeding Group Density for Collector Filterers with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



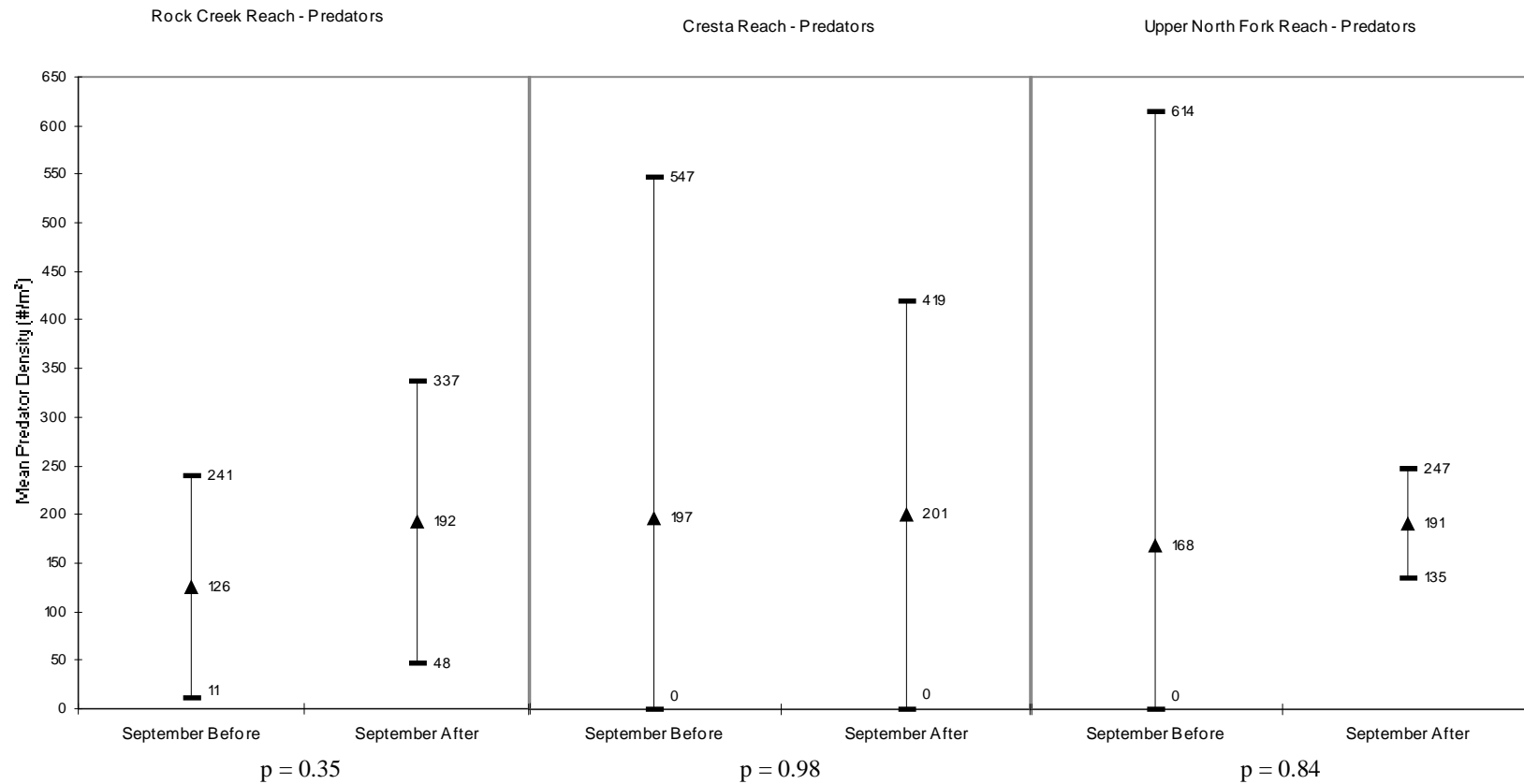
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-69. Mean Functional-Feeding Group Density for Macrophyte Herbivores with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007 (* = Kruskal-Wallis p-value).



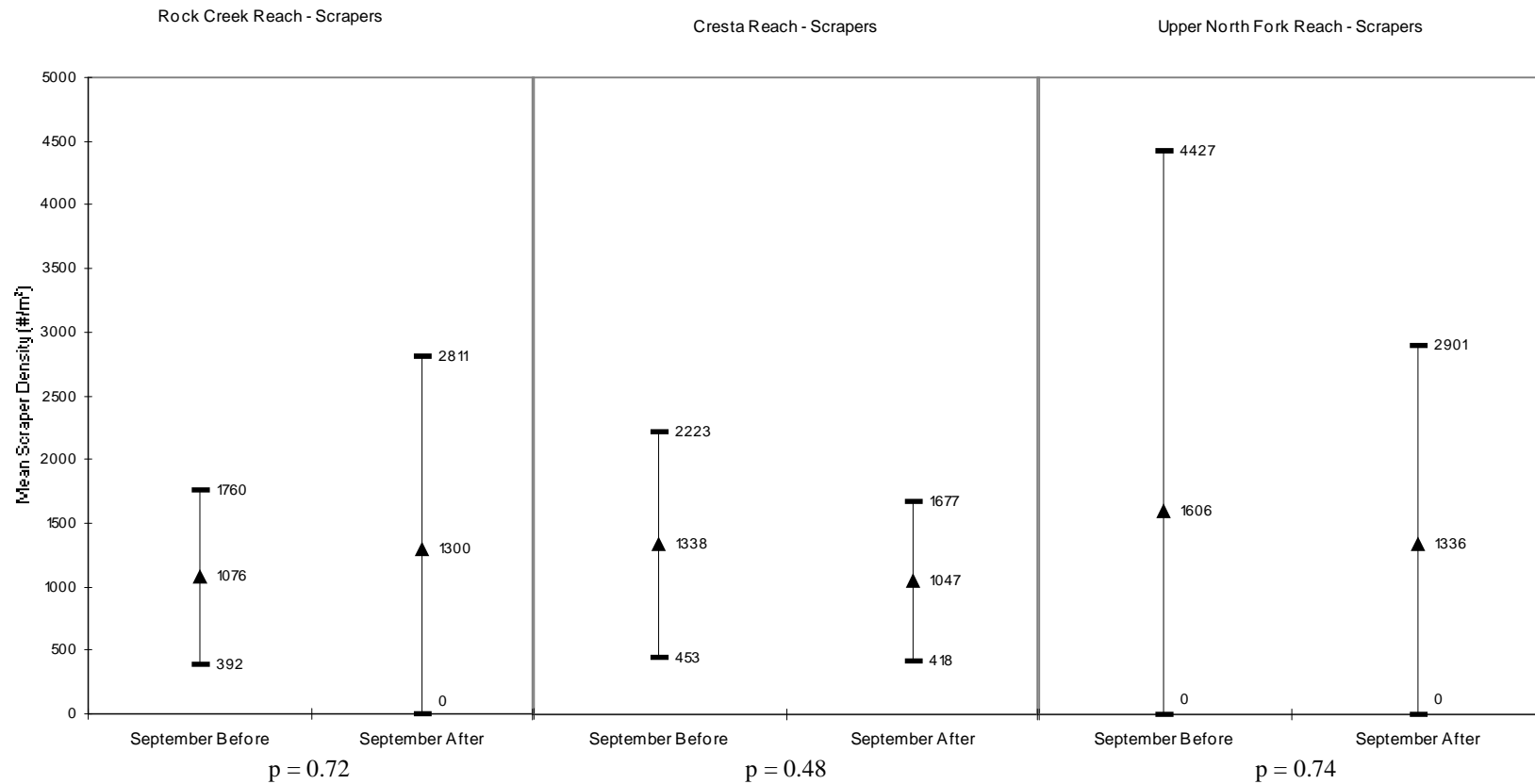
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-70. Mean Functional-Feeding Group Density for Piercer Herbivores with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



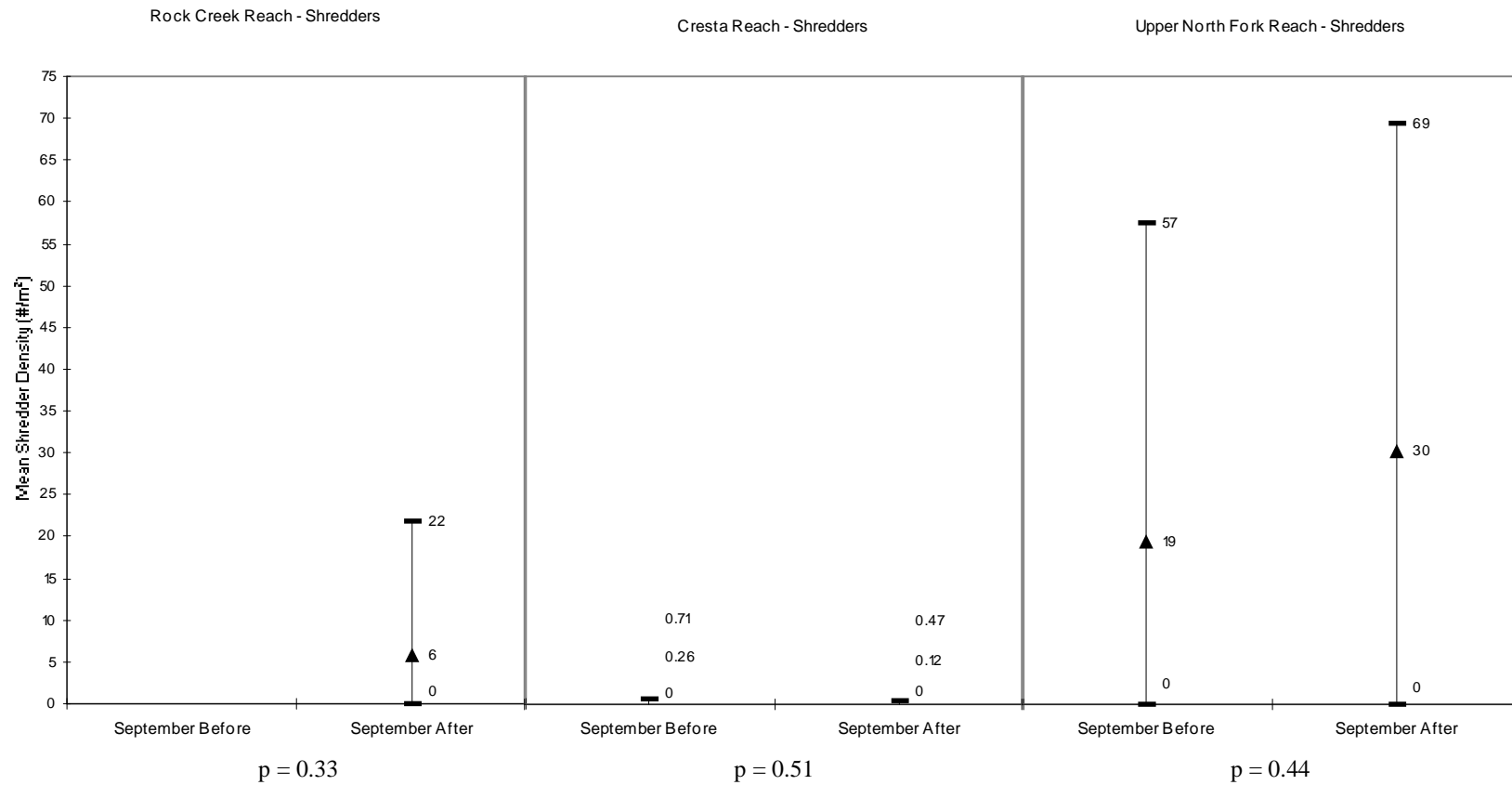
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-71. Mean Functional-Feeding Group Density for Predators with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



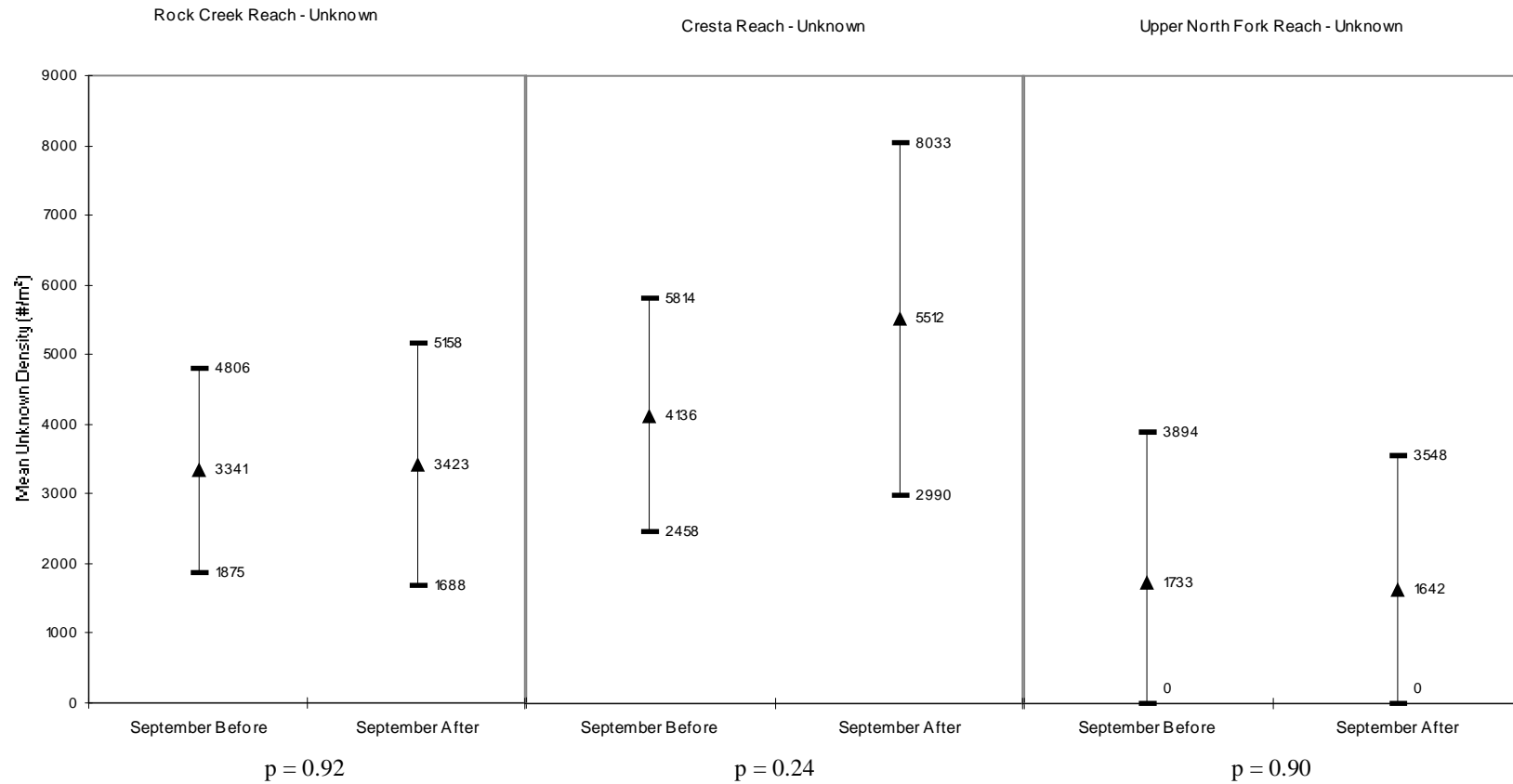
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-72. Mean Functional-Feeding Group Density for Scrapers with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



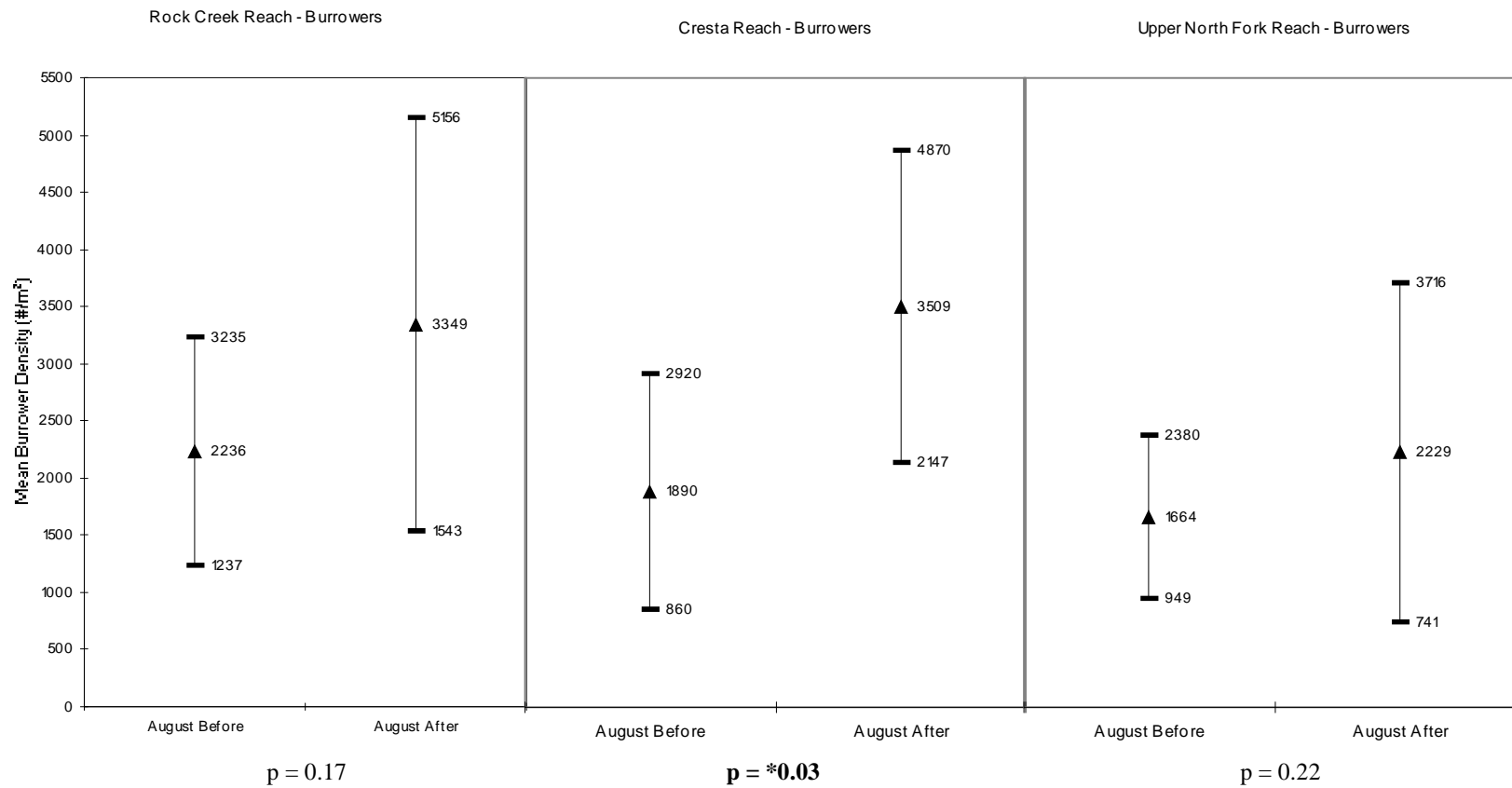
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-73. Mean Functional-Feeding Group Density for Shredders with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



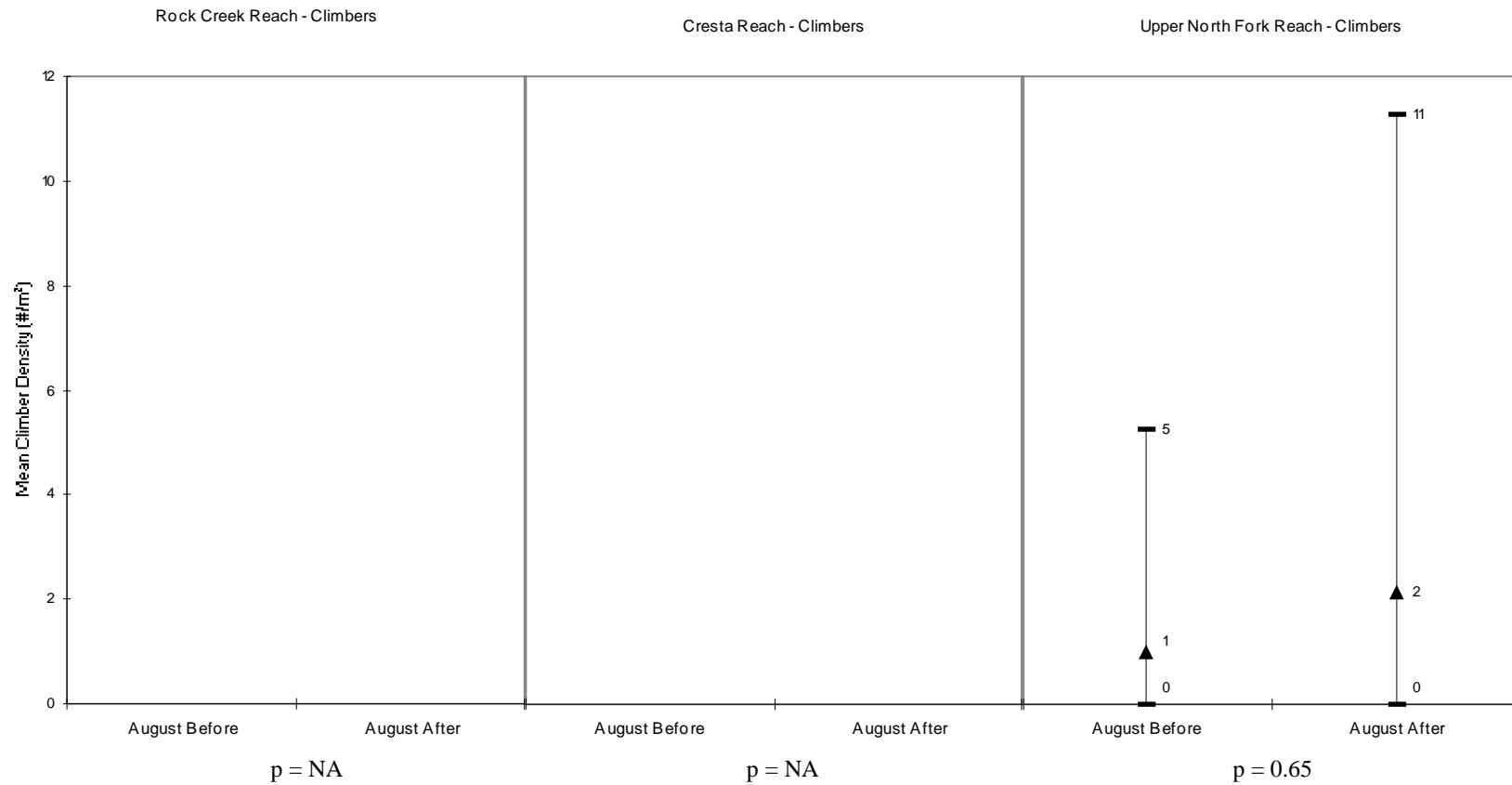
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-74. Mean Functional-Feeding Group Density for Unknown with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



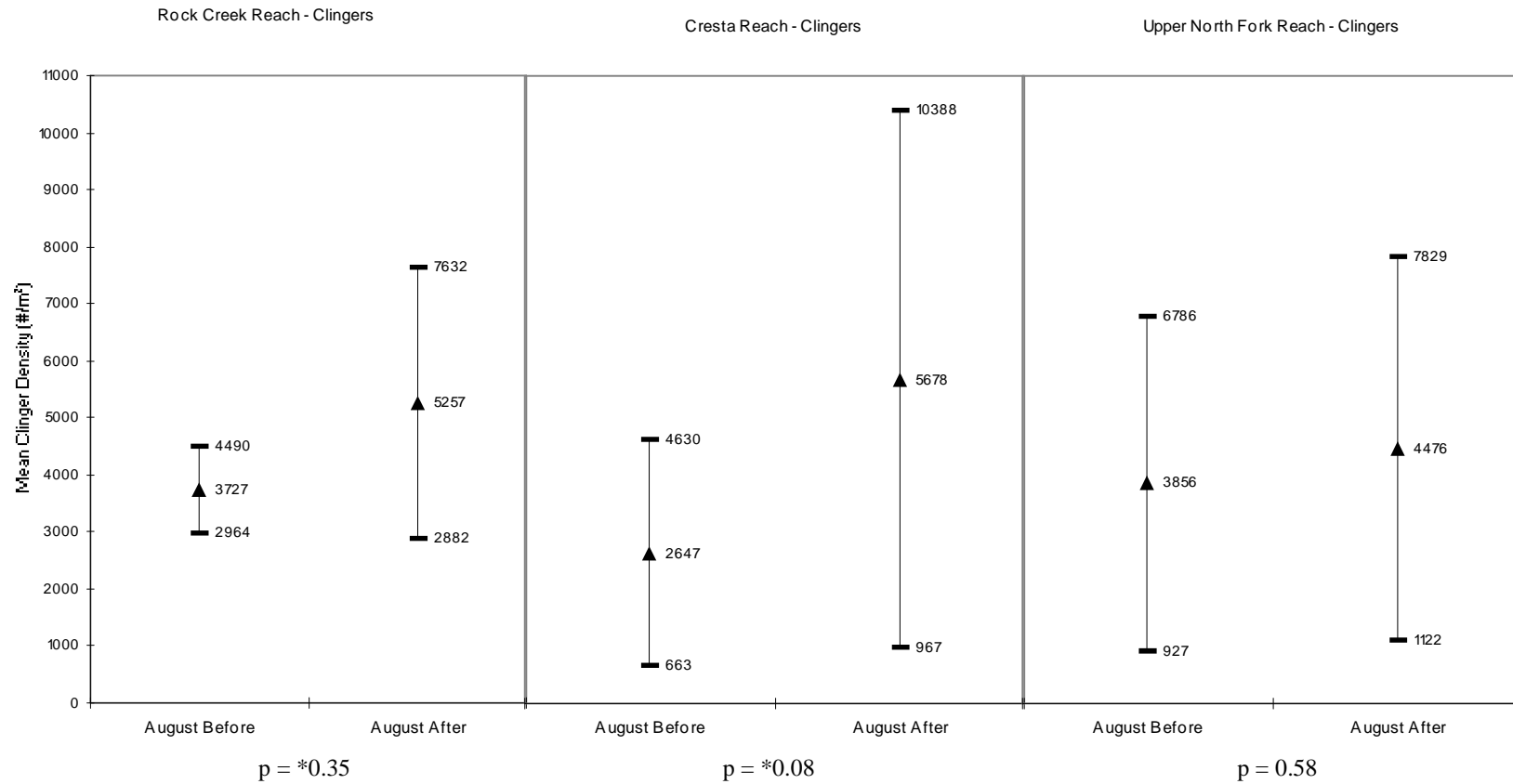
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-75. Mean Burrower Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007 (* = Kruskal-Wallis p-value).



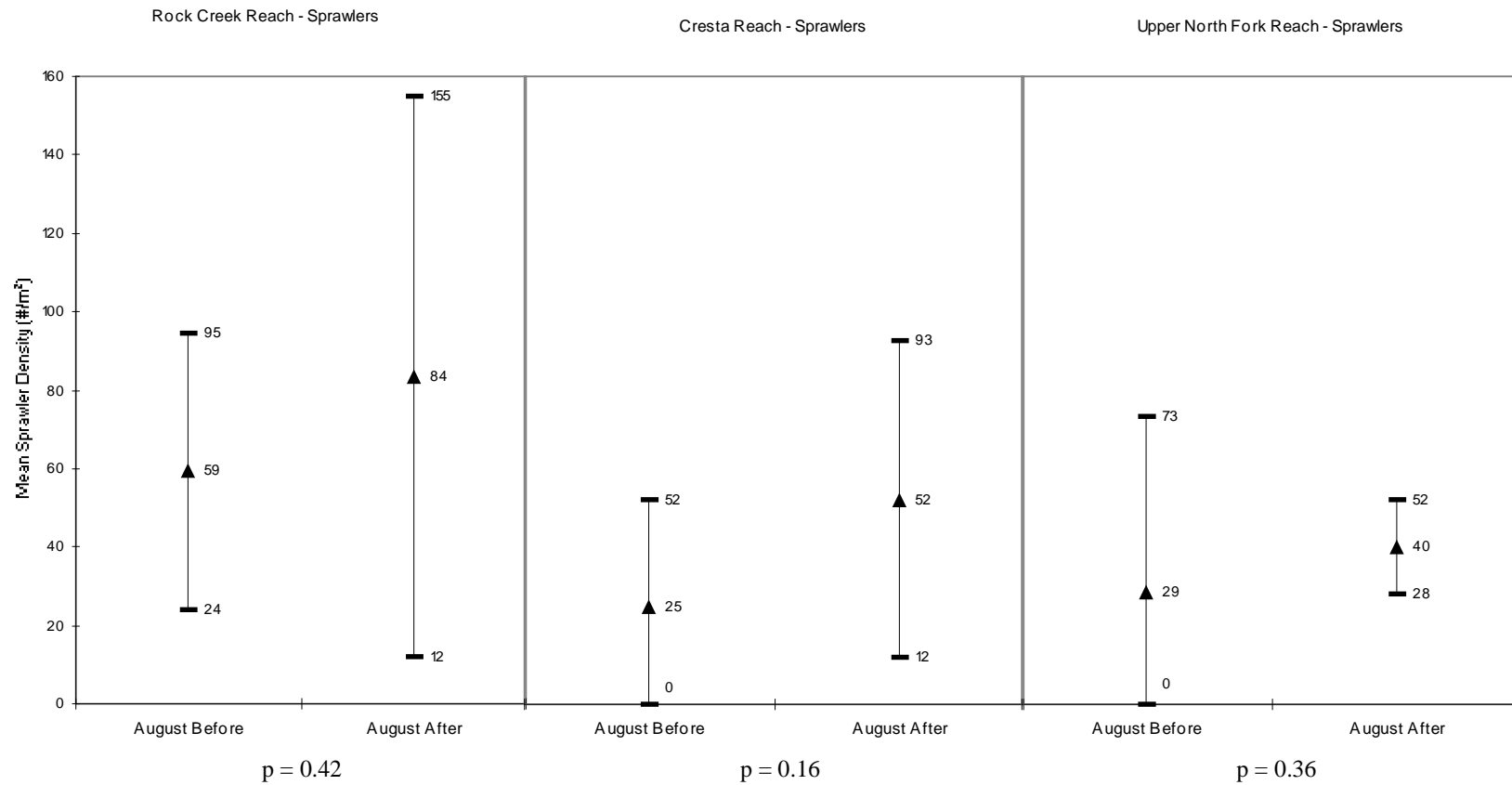
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-76. Mean Climber Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



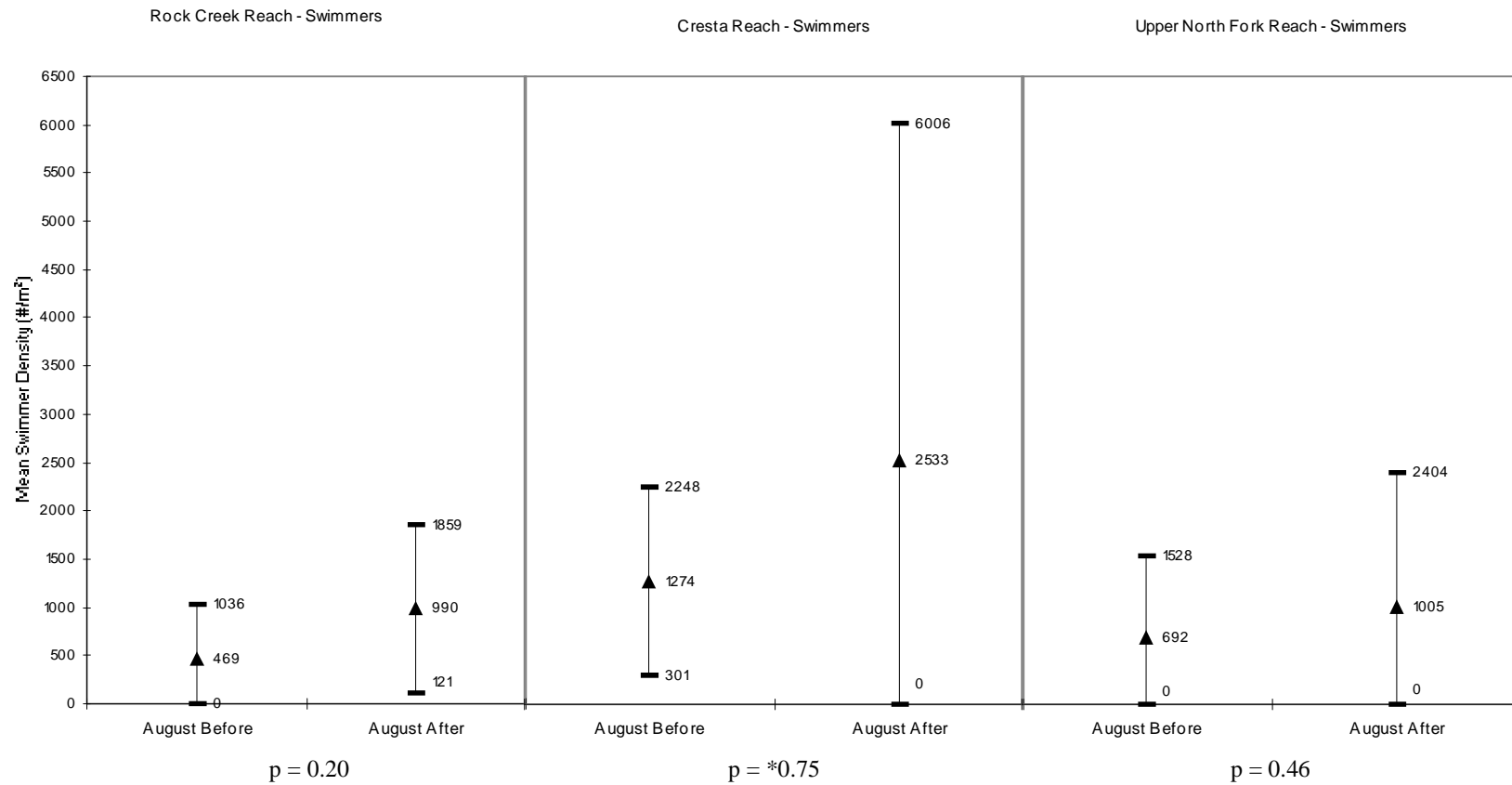
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-77. Mean Clinger Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007 (* = Kruskal-Wallis p-value).



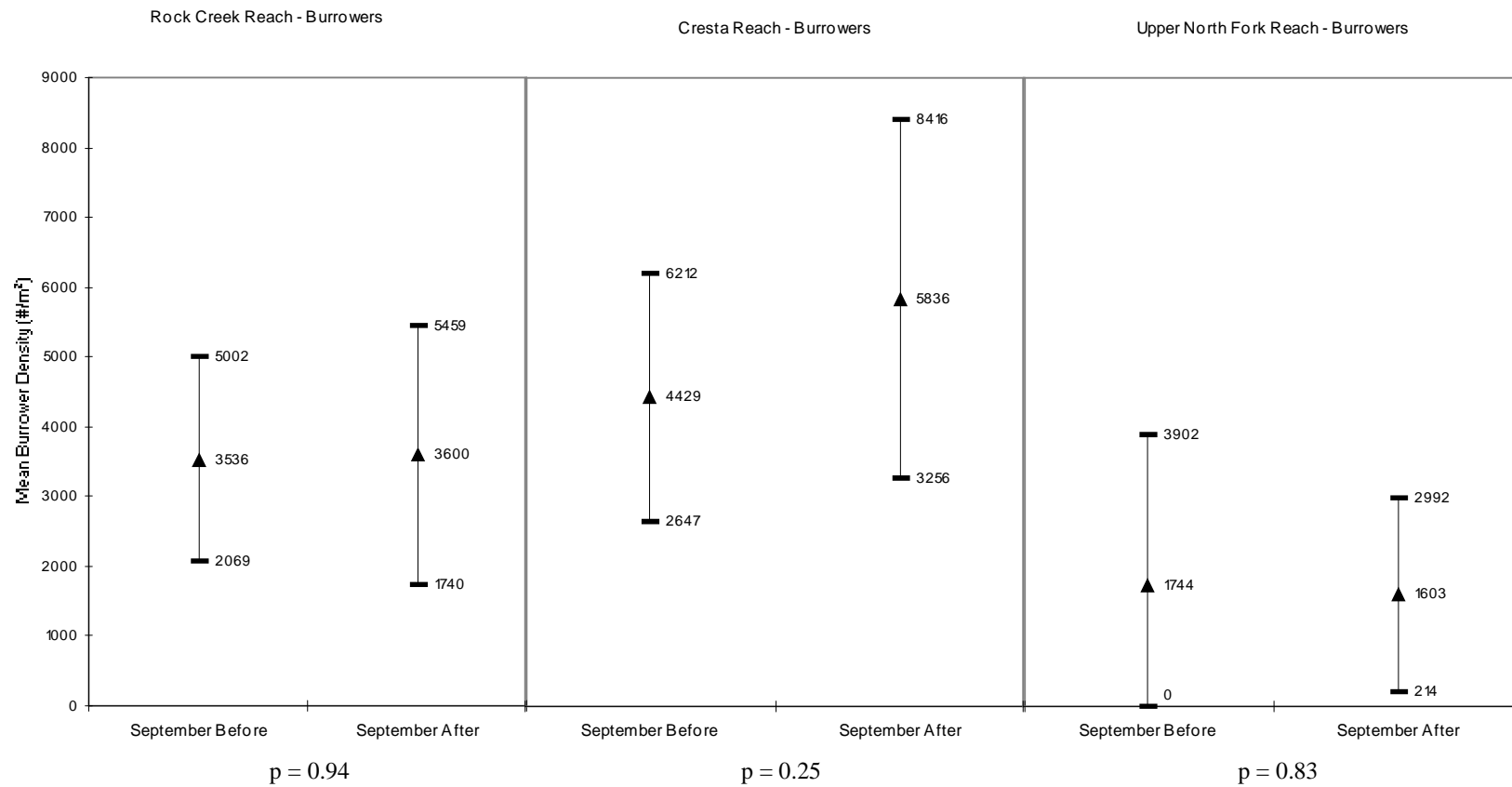
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-78. Mean Sprawler Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007.



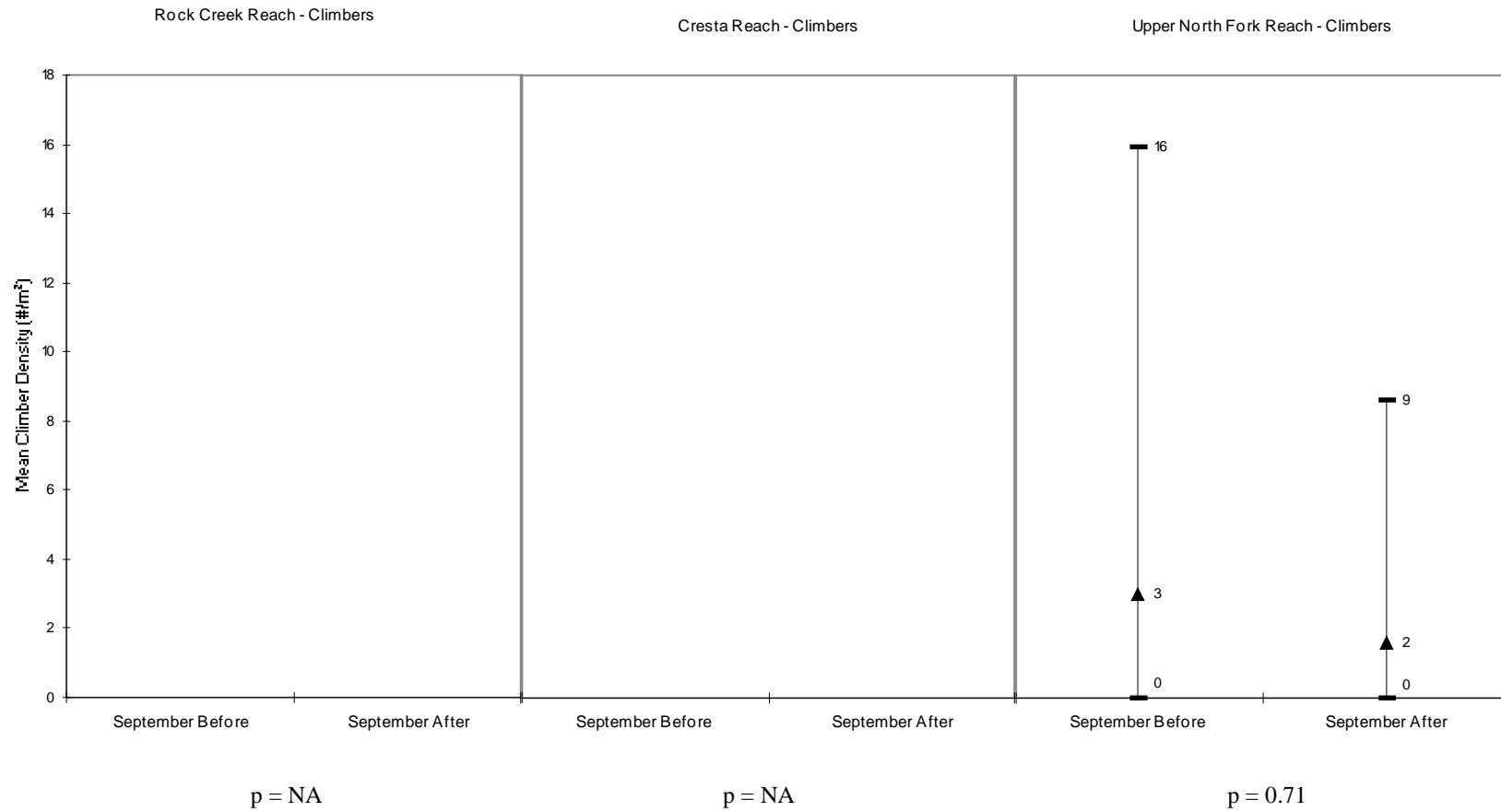
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-79. Mean Swimmer Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, August 2007 (* = Kruskal-Wallis p-value).



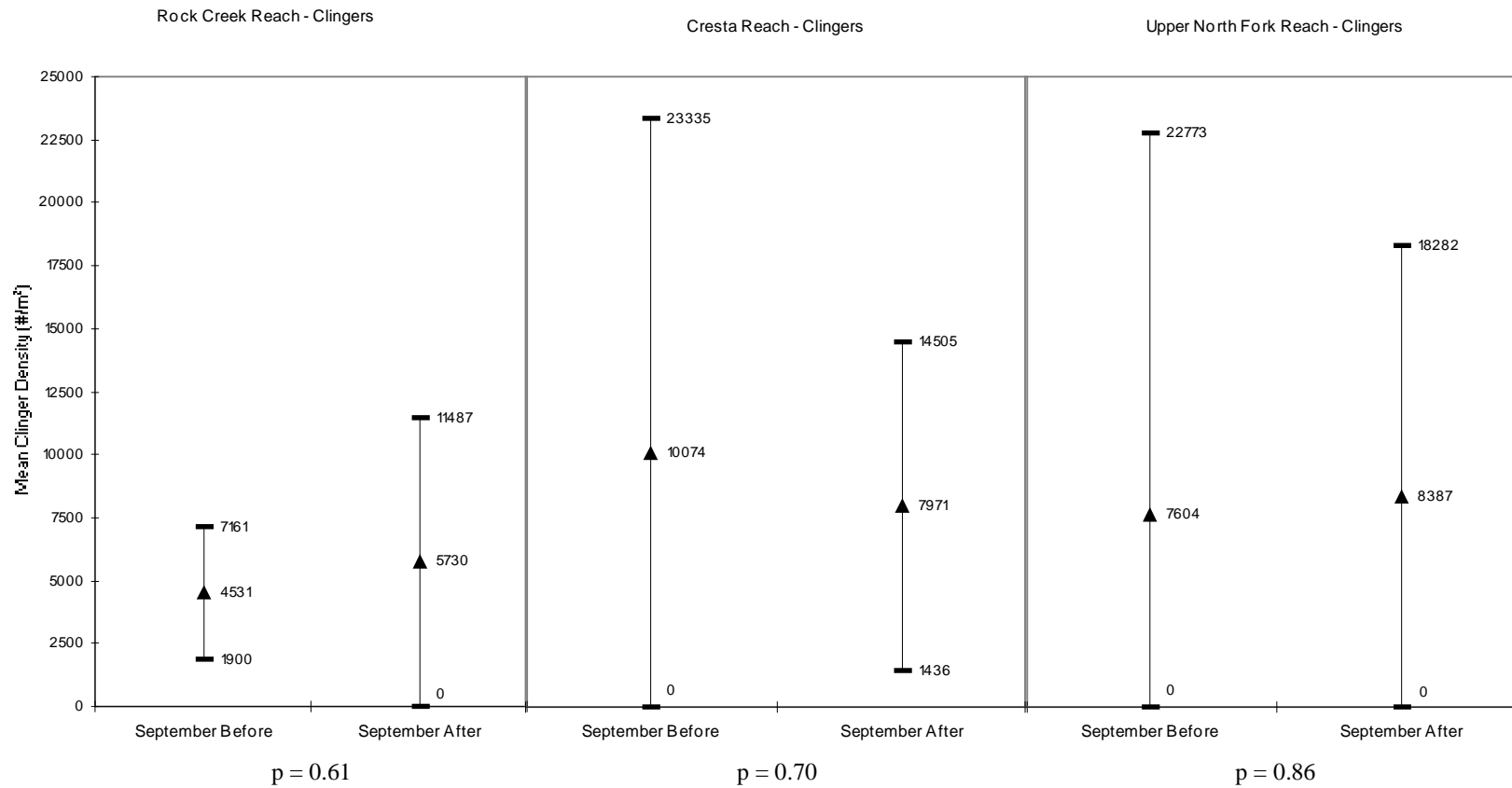
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-80. Mean Burrower Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



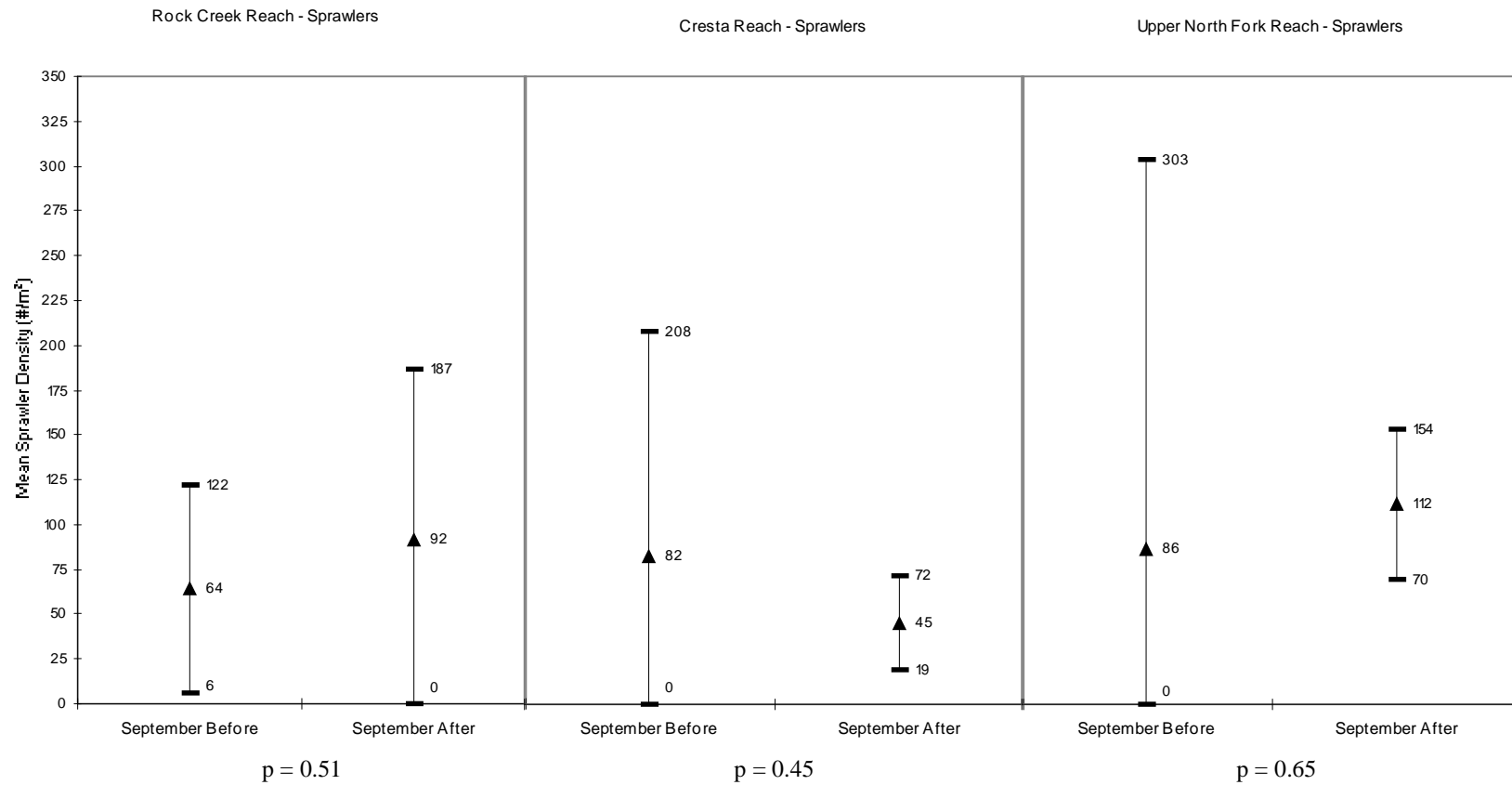
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-81. Mean Climber Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



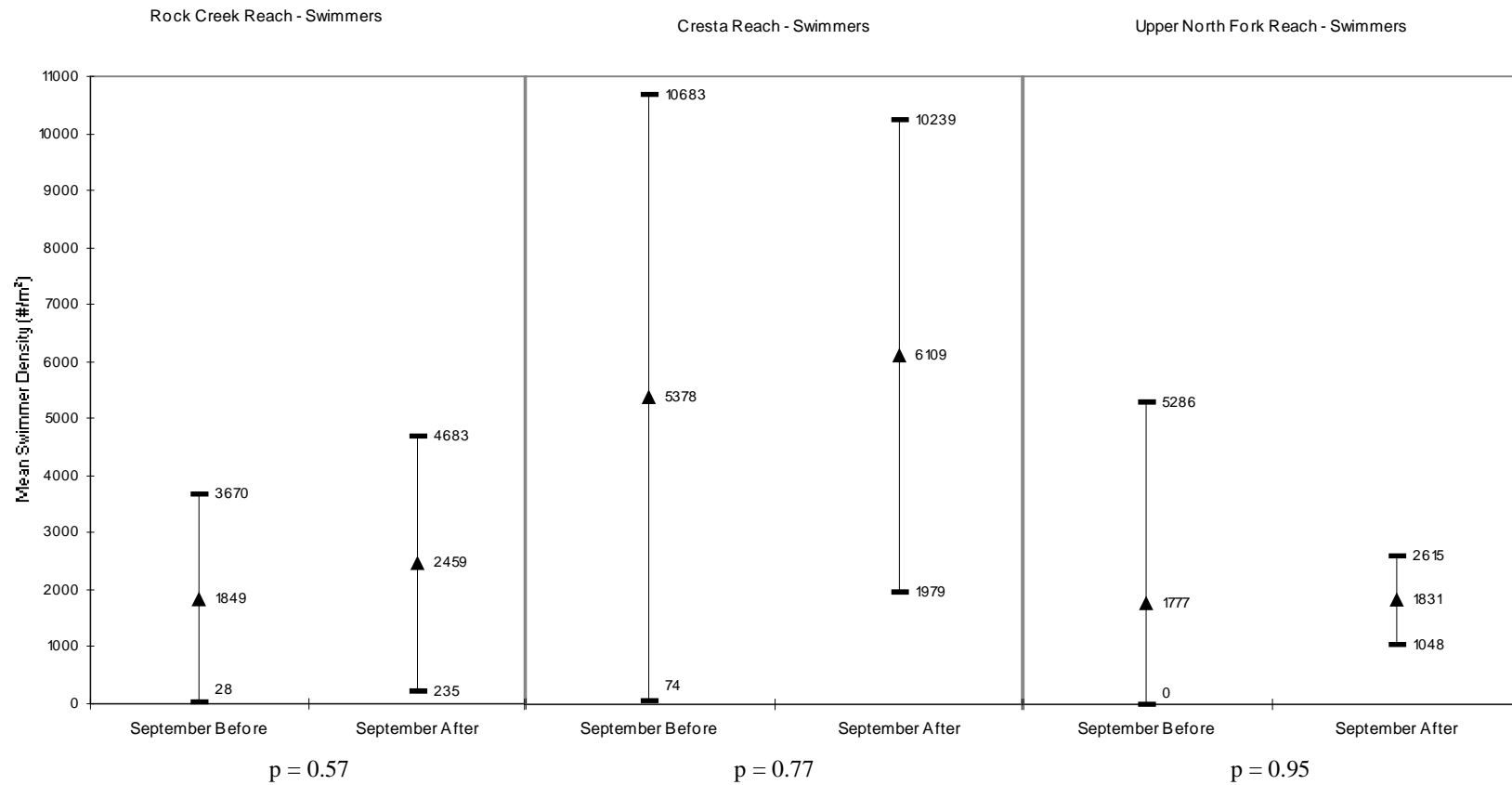
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.1-82. Mean Clinger Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

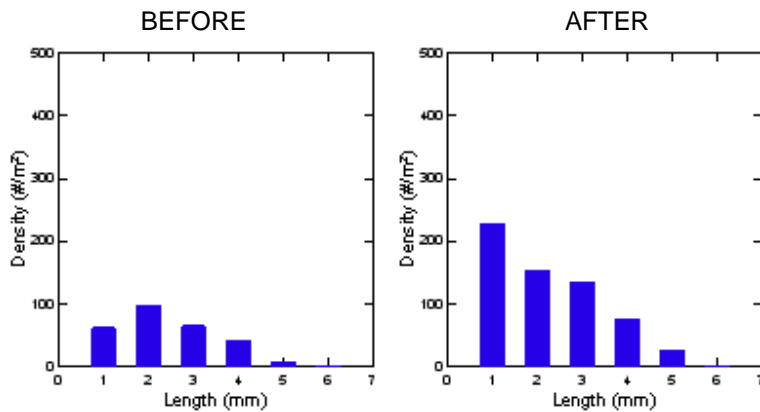
Figure 5.1-83. Mean Sprawler Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.



Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

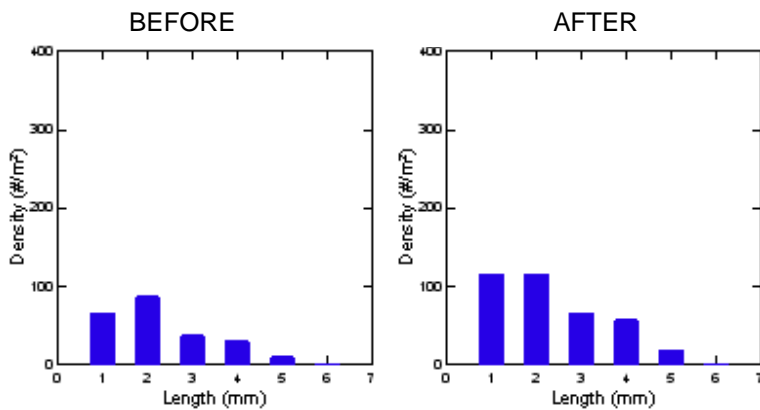
Figure 5.1-84. Mean Swimmer Density with 95 Percent Confidence Intervals for the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2007.

2007 Rock Creek Length Distributions



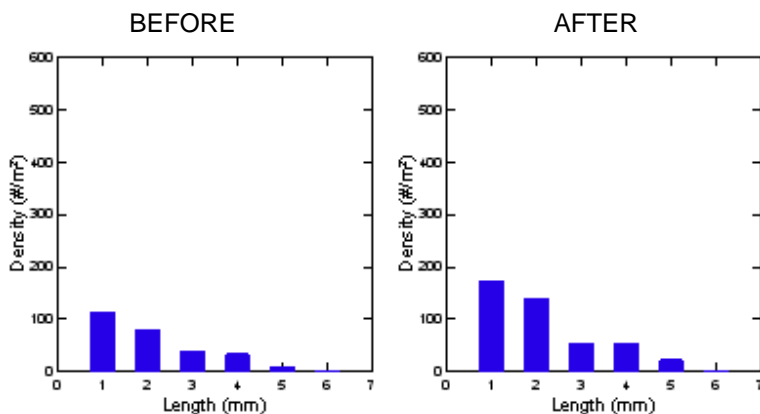
P=0.01

2007 Cresta Length Distributions



P=0.33

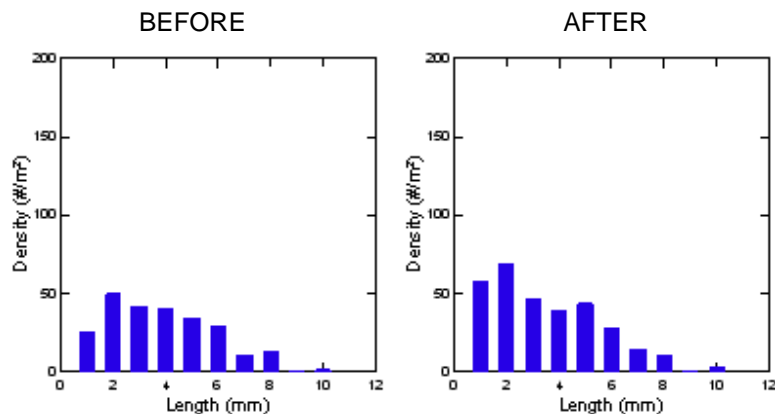
2007 UNF Length Distributions



P=0.69

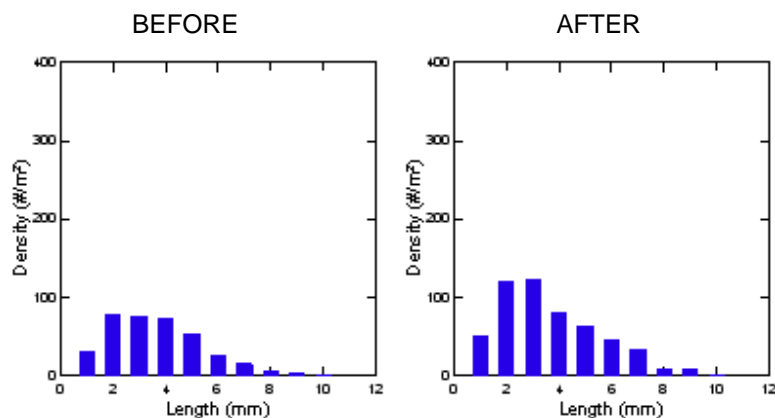
Figure 5.1-85. Comparison of Length Distribution for *Acentrella* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



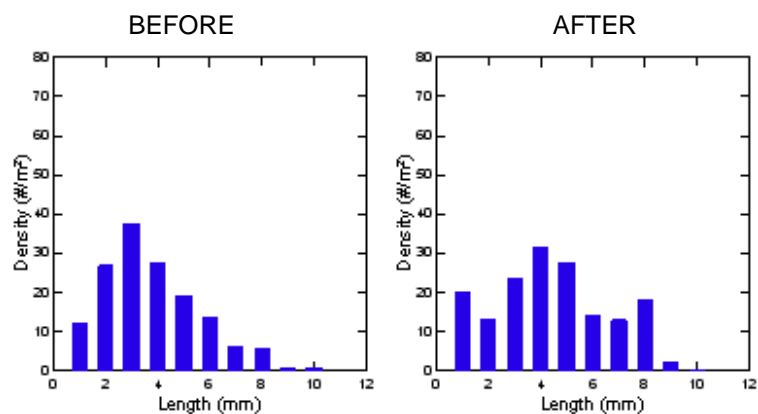
P=0.35

2007 Cresta Length Distributions



P=0.49

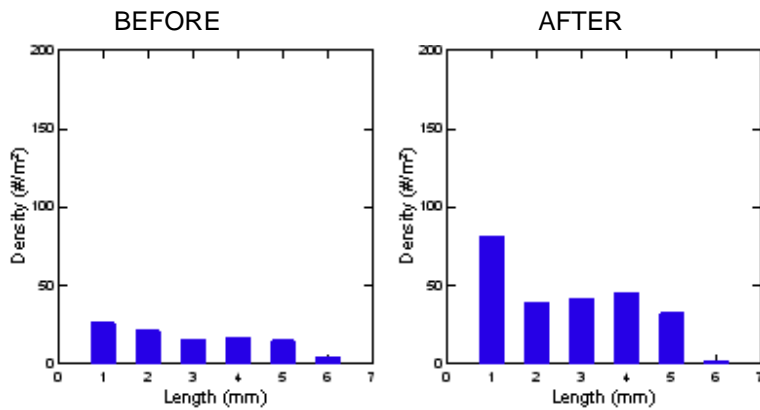
2007 UNF Length Distributions



P=0.52

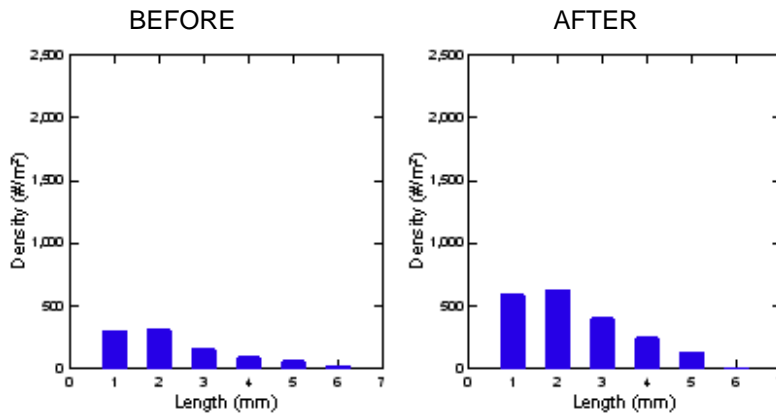
Figure 5.1-86. Comparison of Length Distribution for *Antocha* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



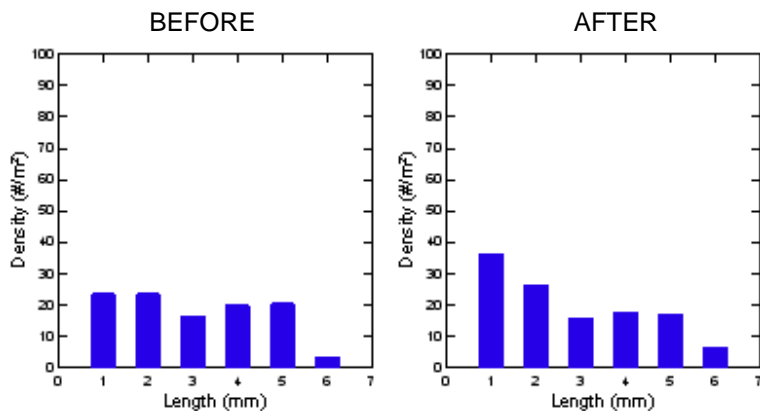
P=0.20

2007 Cresta Length Distributions



P=0.74

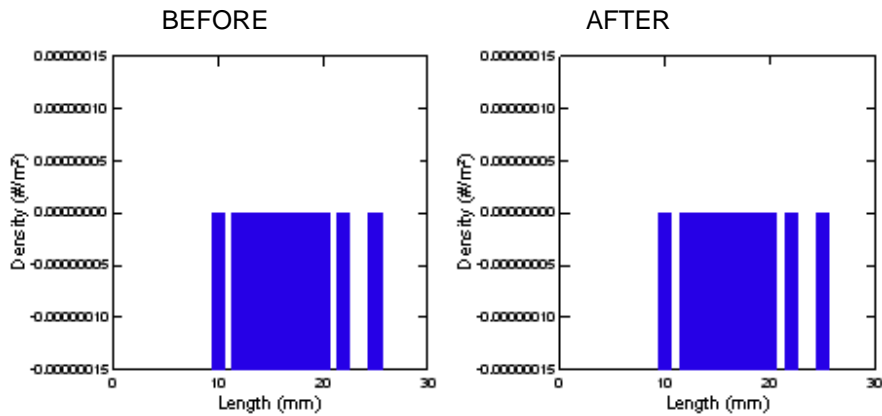
2007 UNF Length Distributions



P=0.42

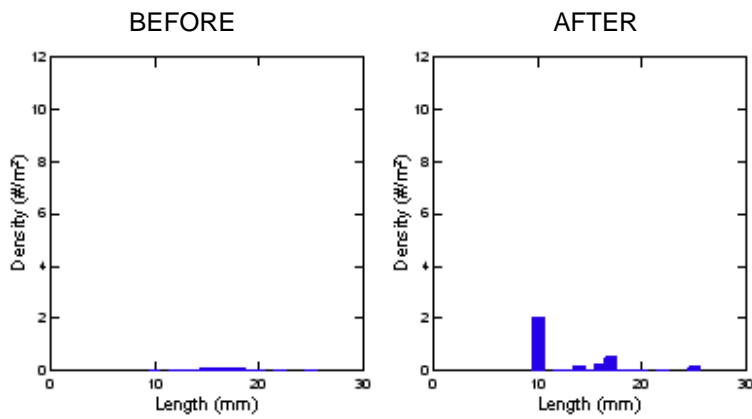
Figure 5.1-87. Comparison of Length Distribution for *Baetis tricaudatus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



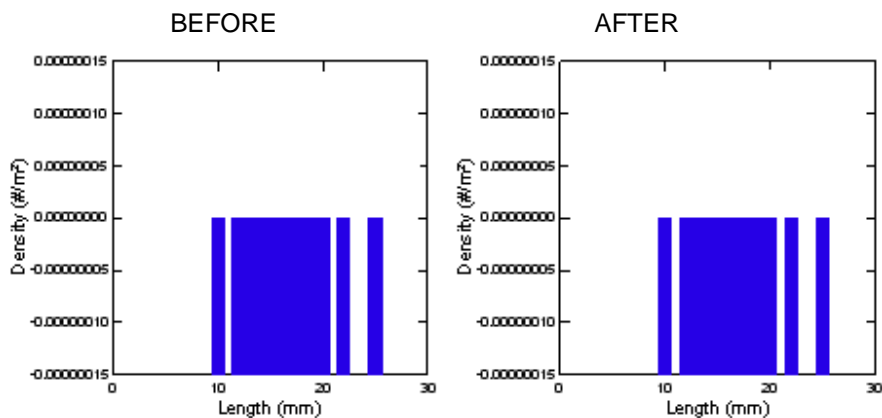
P=NA

2007 Cresta Length Distributions



P=0.81

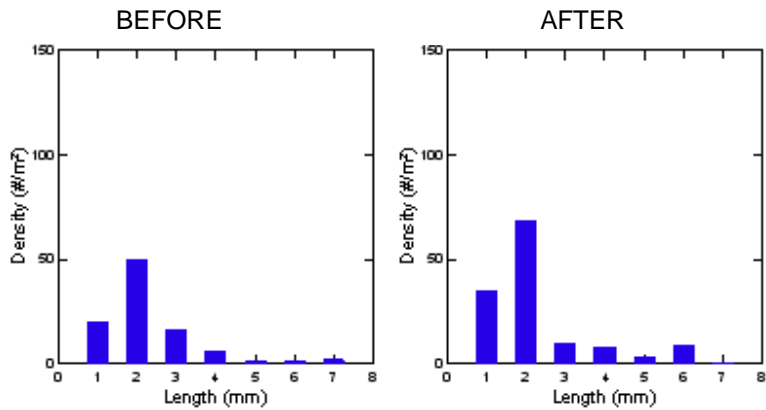
2007 UNF Length Distributions



P=NA

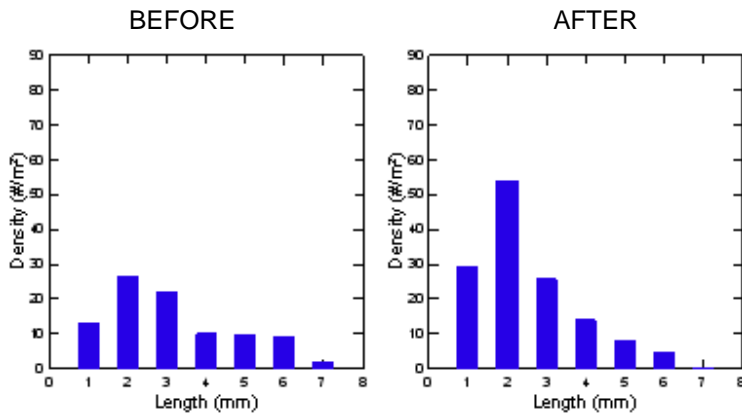
Figure 5.1-88. Comparison of Length Distribution for *Calineuria californica* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



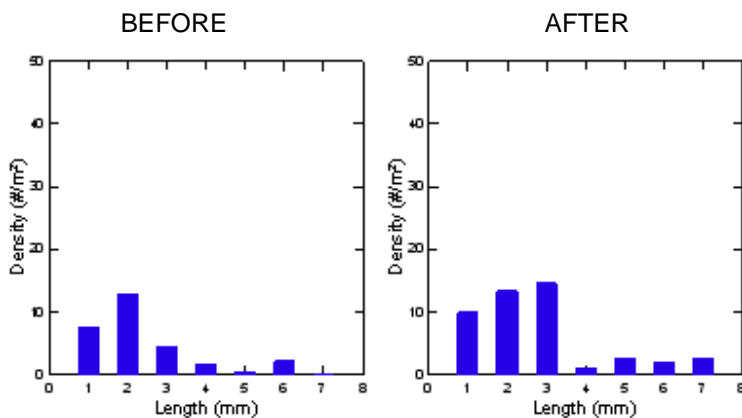
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2007 Cresta Length Distributions



P=0.10

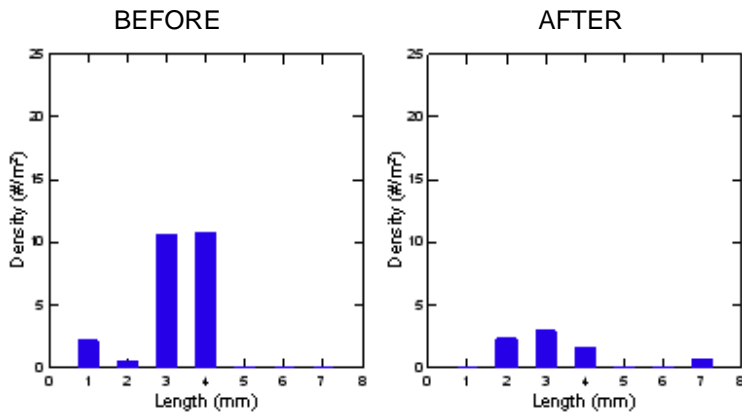
2007 UNF Length Distributions



P=0.32

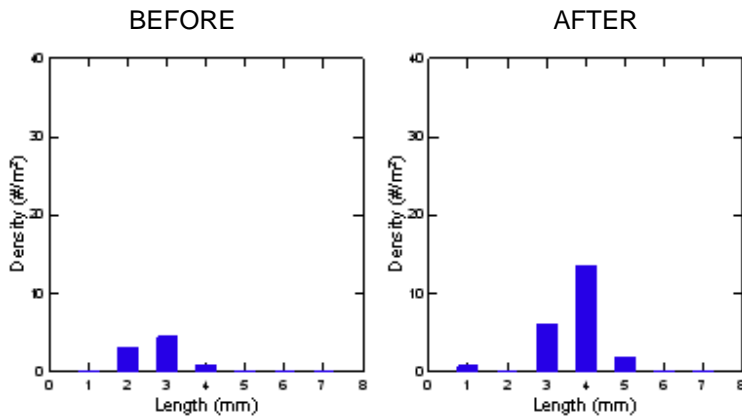
Figure 5.1-89. Comparison of Length Distribution for *Camelobaetidius* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



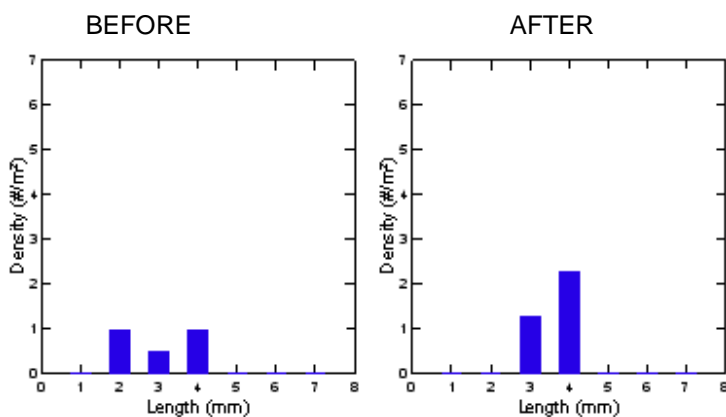
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2007 Cresta Length Distributions



P=0.96

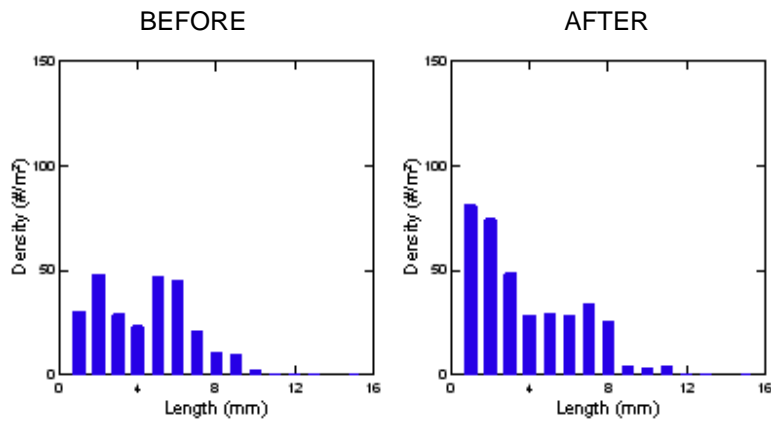
2007 UNF Length Distributions



P=0.97

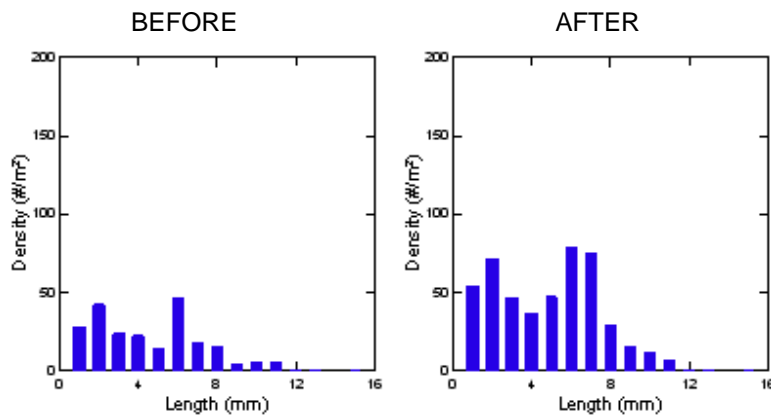
Figure 5.1-90. Comparison of Length Distribution for *Ceraclea* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



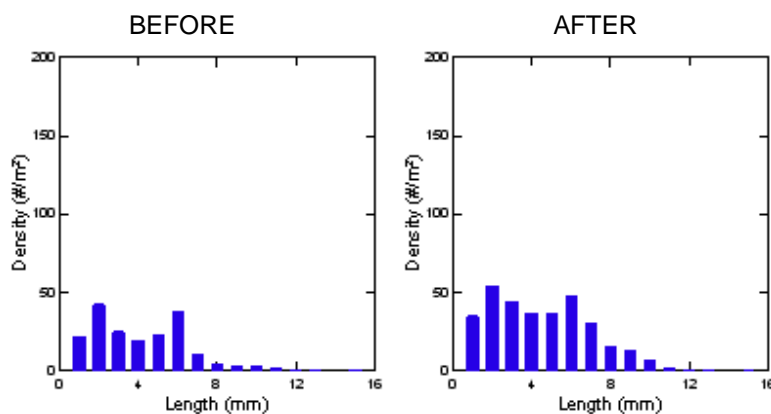
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2007 Cresta Length Distributions



P=0.01

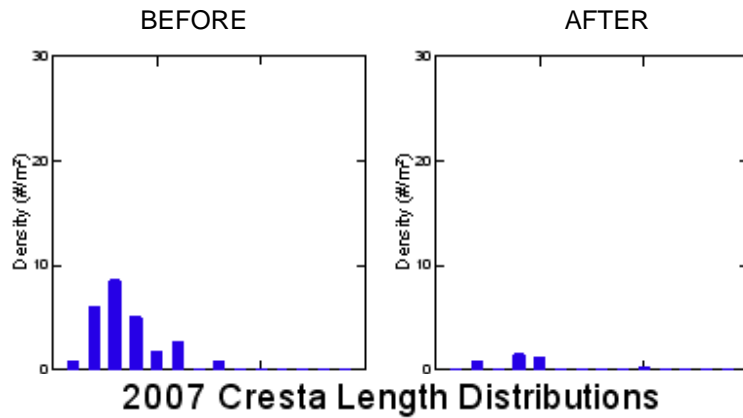
2007 UNF Length Distributions



P=0.25

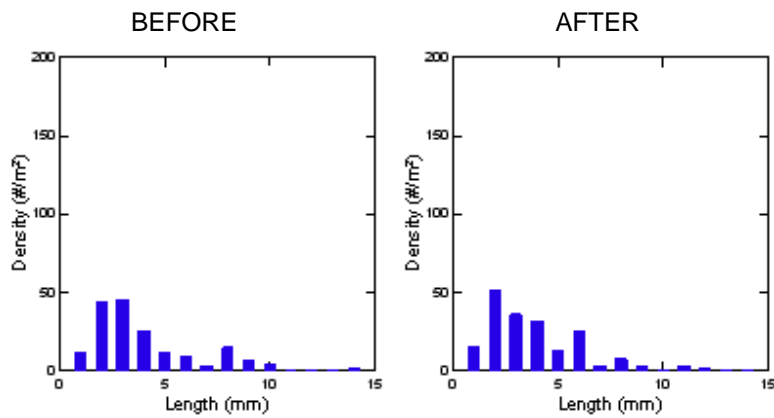
Figure 5.1-91. Comparison of Length Distribution for *Cheumatopsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



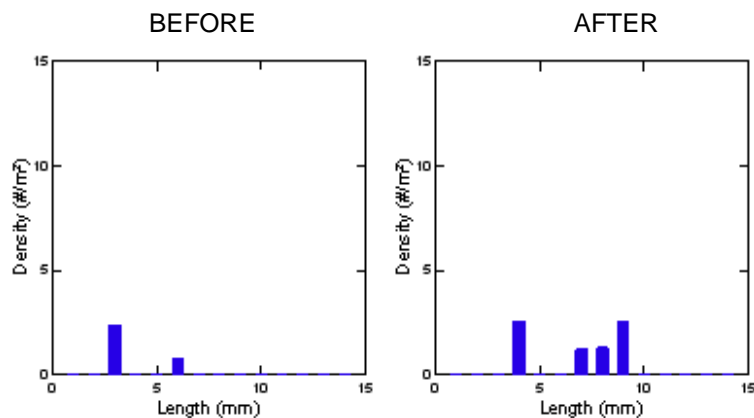
P=0.88

2007 Cresta Length Distributions



P=0.47

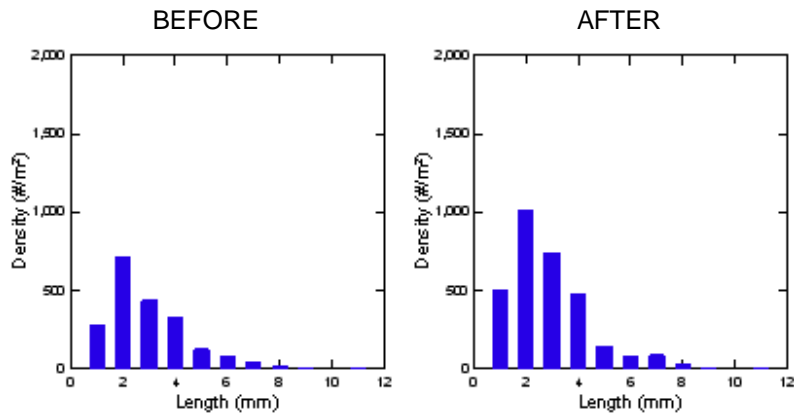
2007 UNF Length Distributions



P=1.00

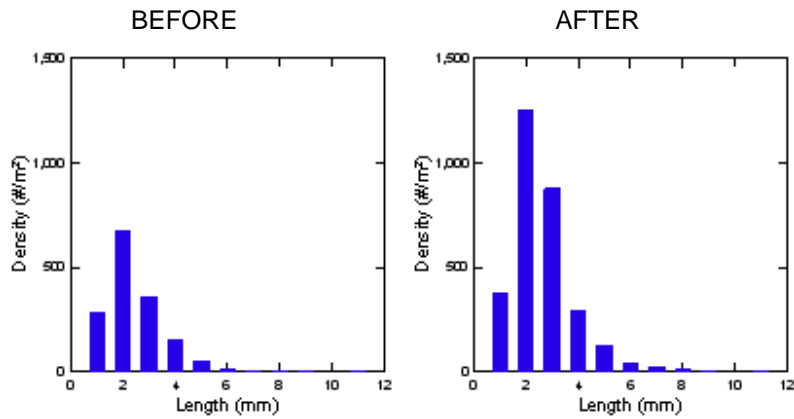
Figure 5.1-92. Comparison of Length Distribution for *Chimarra* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



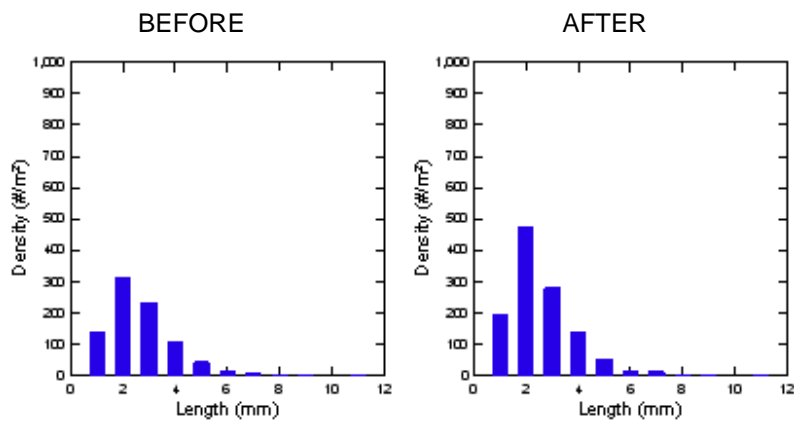
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2007 Cresta Length Distributions



P=0.24

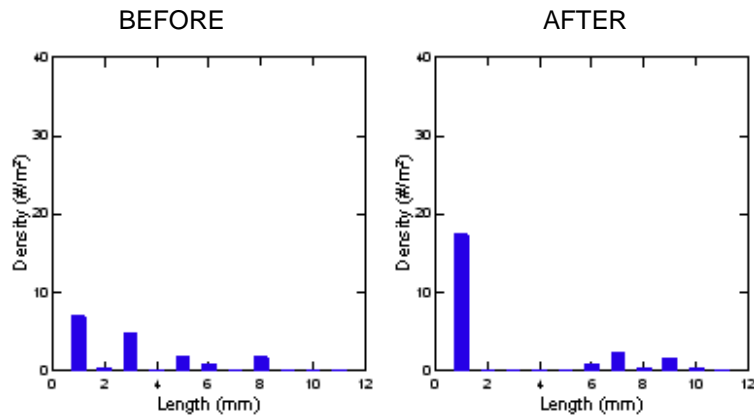
2007 UNF Length Distributions



P=1.00

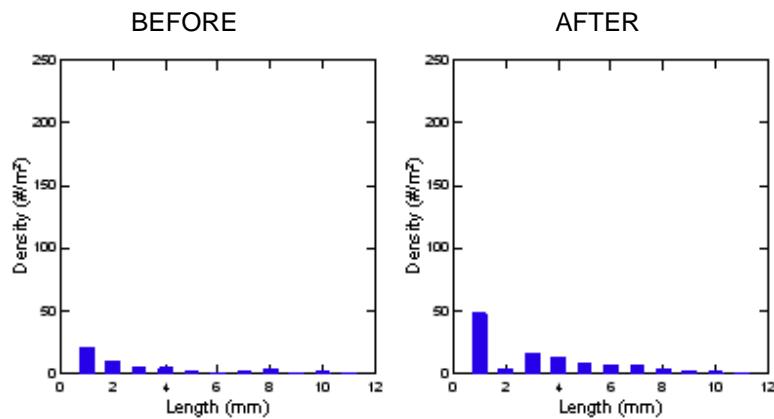
Figure 5.1-93. Comparison of Length Distribution for Chironomidae on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



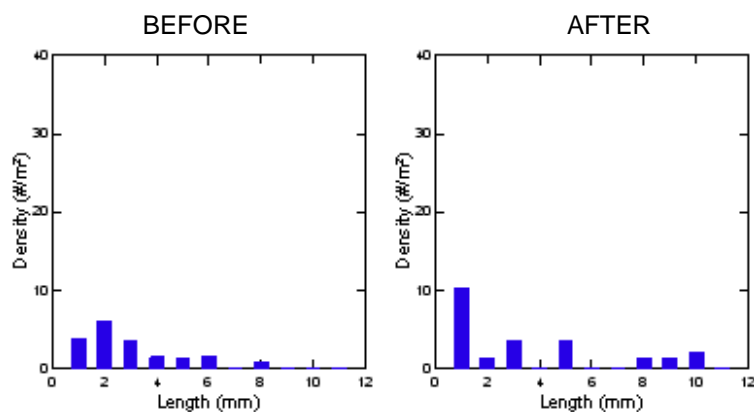
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2007 Cresta Length Distributions



P=0.77

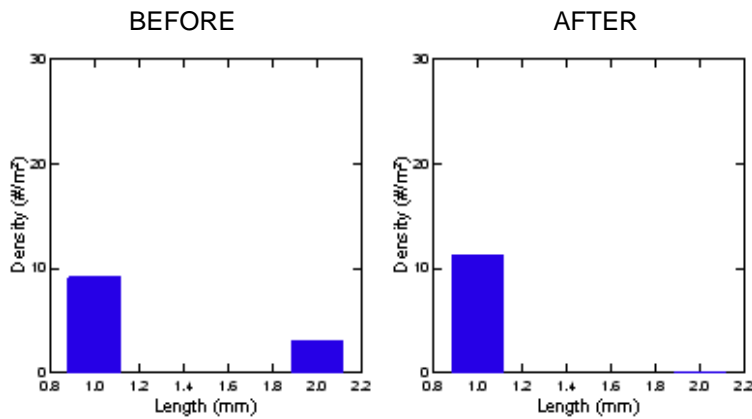
2007 UNF Length Distributions



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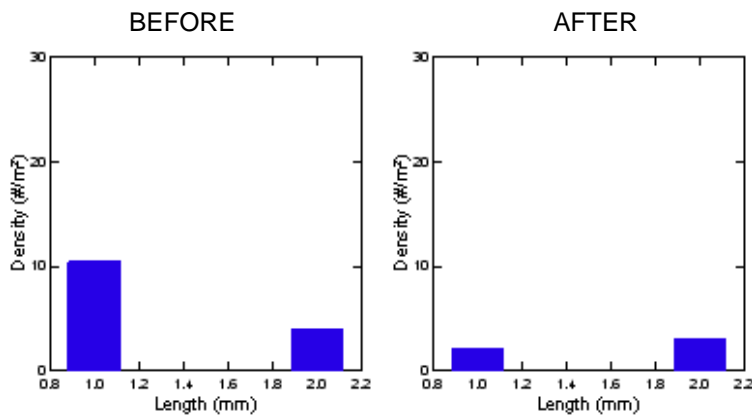
Figure 5.1-94. Comparison of Length Distribution for *Epeorus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



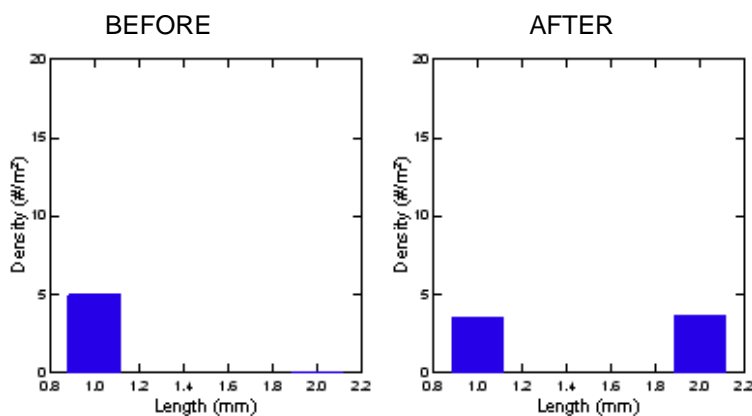
P=0.31

2007 Cresta Length Distributions



P=0.03

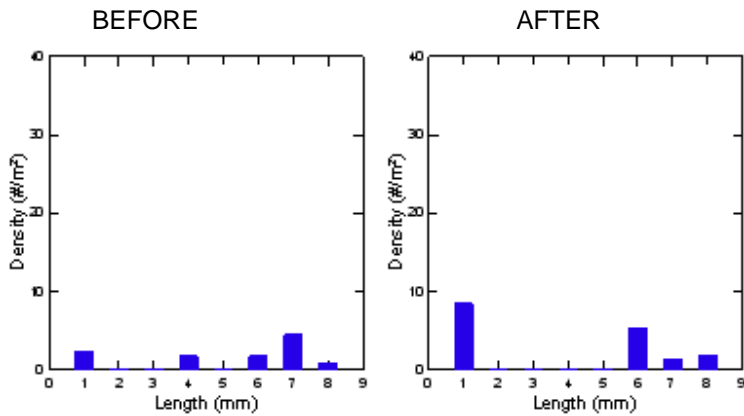
2007 UNF Length Distributions



P=0.33

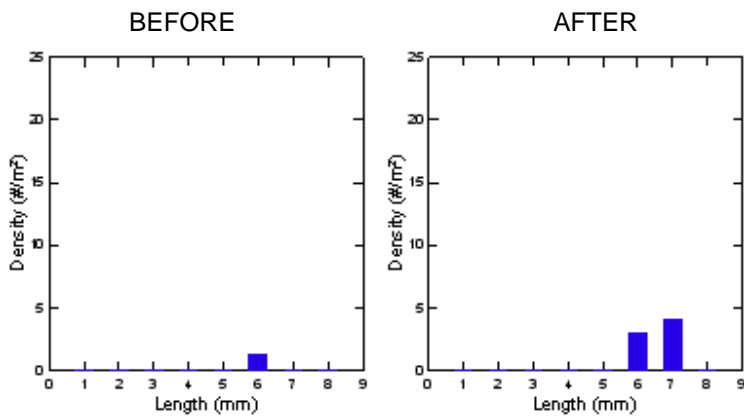
Figure 5.1-95. Comparison of Length Distribution for *Ephemerella excrucians* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



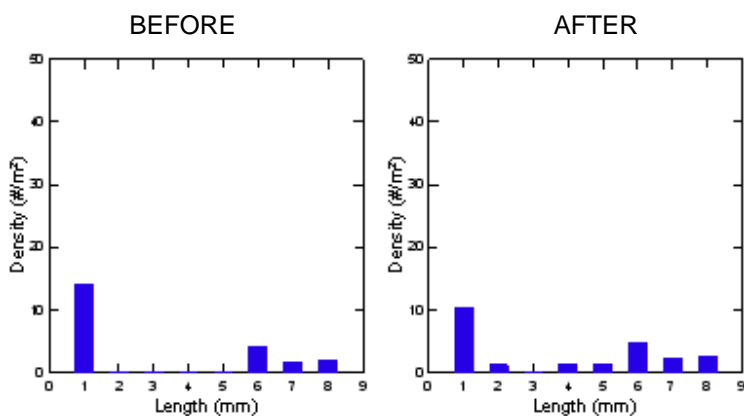
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2007 Cresta Length Distributions



P=1.00

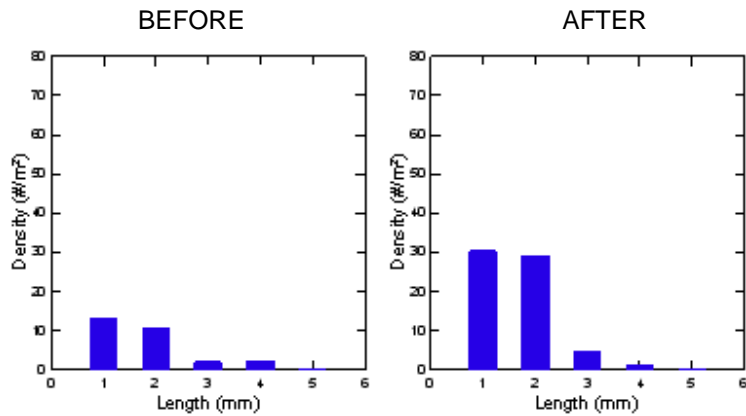
2007 UNF Length Distributions



P=0.84

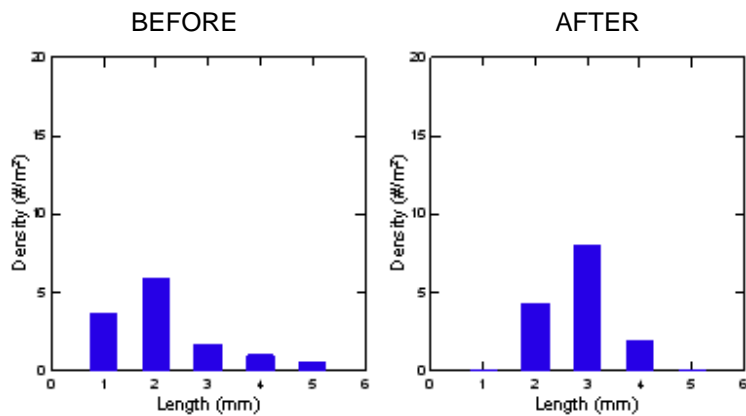
Figure 5.1-96. Comparison of Length Distribution for *Glossosoma* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



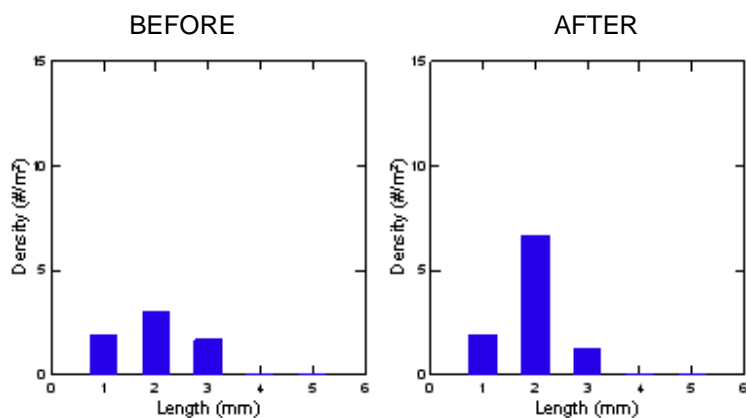
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2007 Cresta Length Distributions



P=0.87

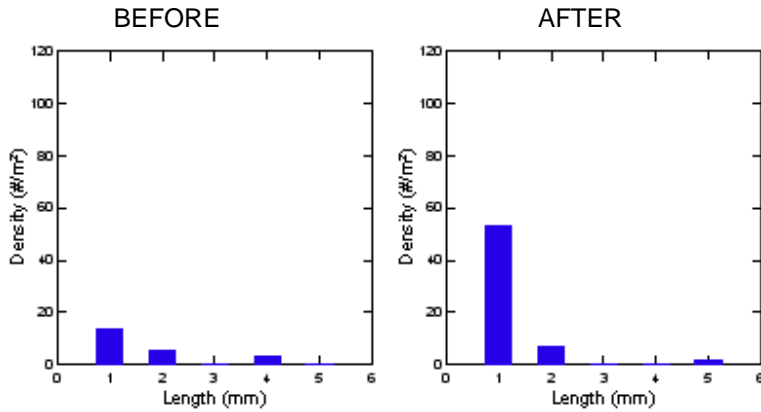
2007 UNF Length Distributions



P=1.00

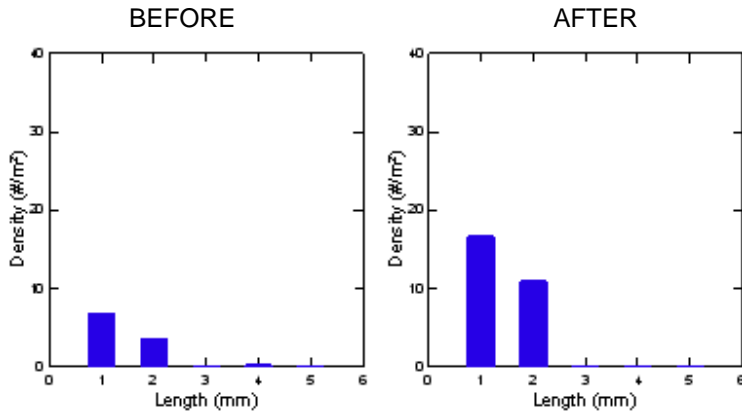
Figure 5.1-97. Comparison of Length Distribution for *Hemerodromia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



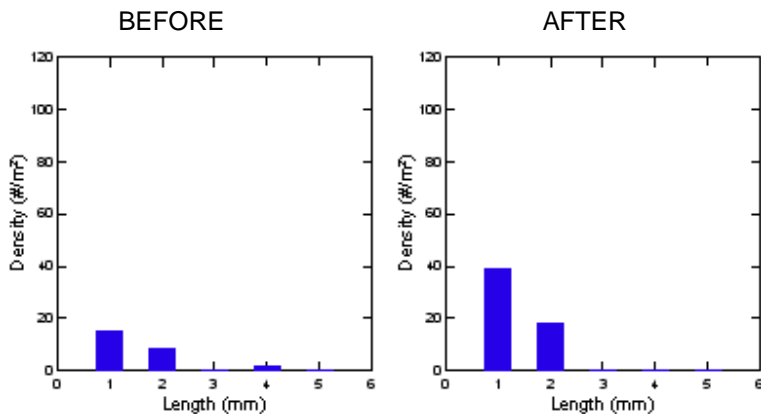
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2007 Cresta Length Distributions



P=0.43

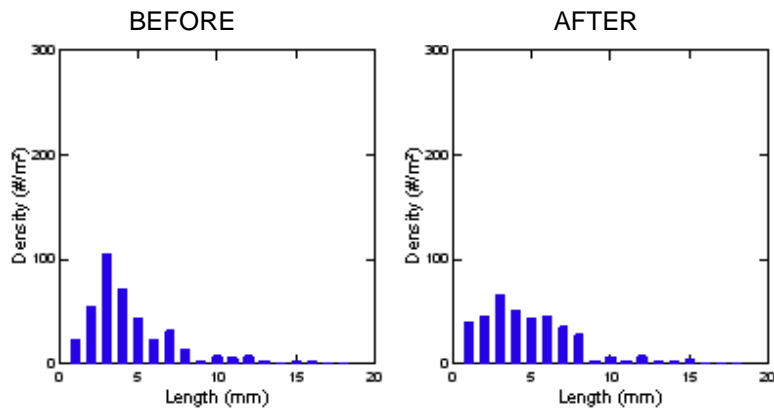
2007 UNF Length Distributions



P=0.89

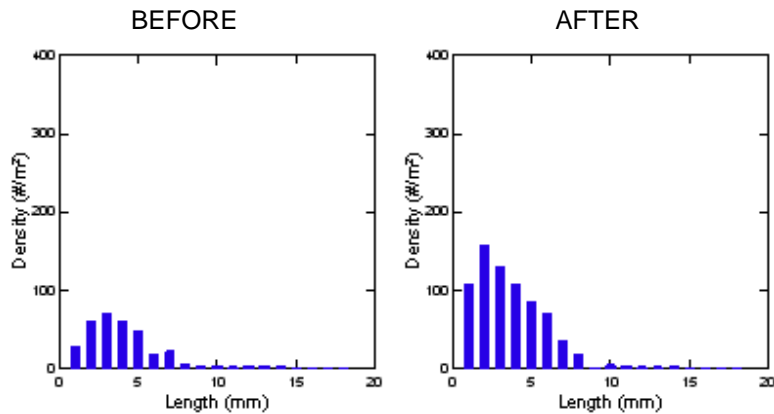
Figure 5.1-98. Comparison of Length Distribution for *Homoleptohyphes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



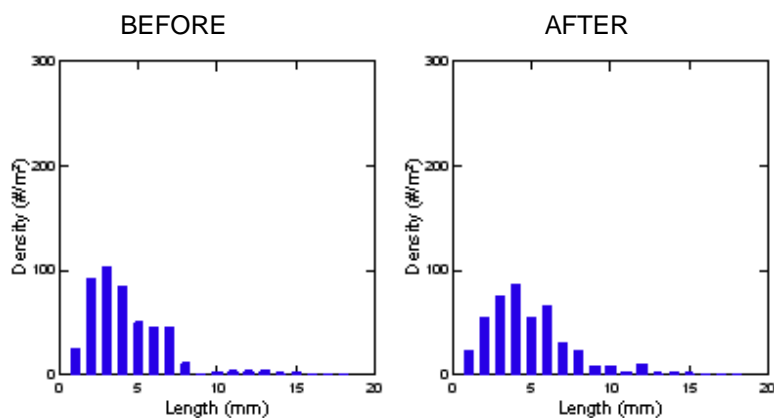
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2007 Cresta Length Distributions



P=0.51

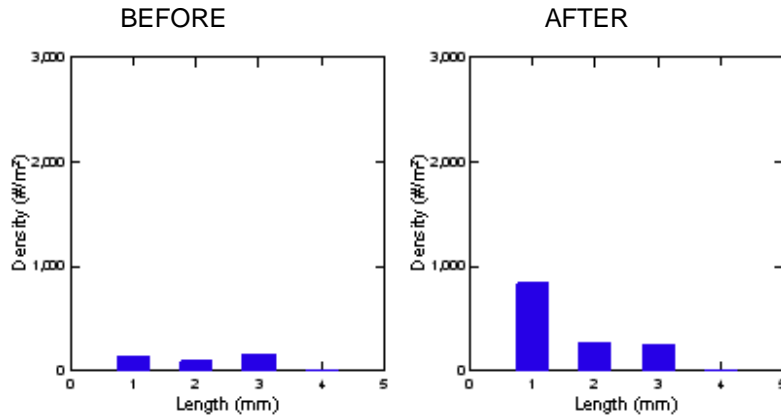
2007 UNF Length Distributions



P=0.76

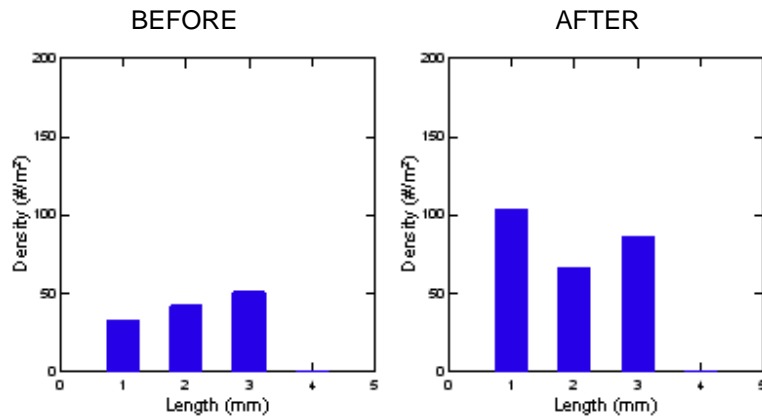
Figure 5.1-99. Comparison of Length Distribution for *Hydropsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



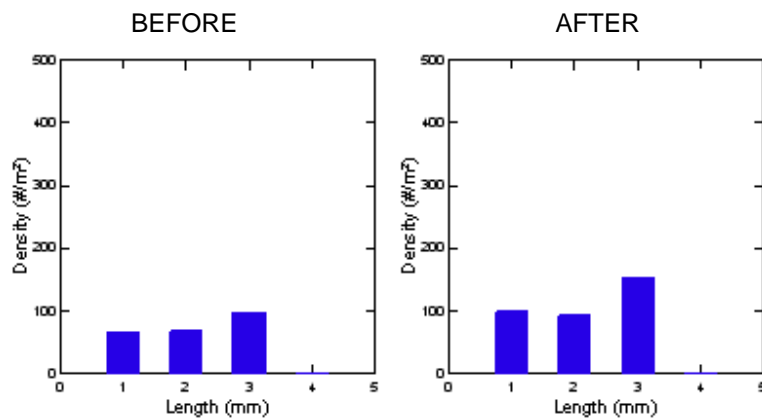
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2007 Cresta Length Distributions



P=0.06

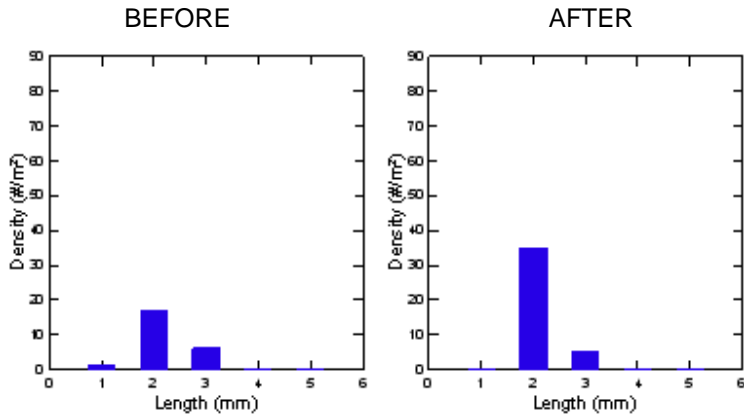
2007 UNF Length Distributions



P=0.42

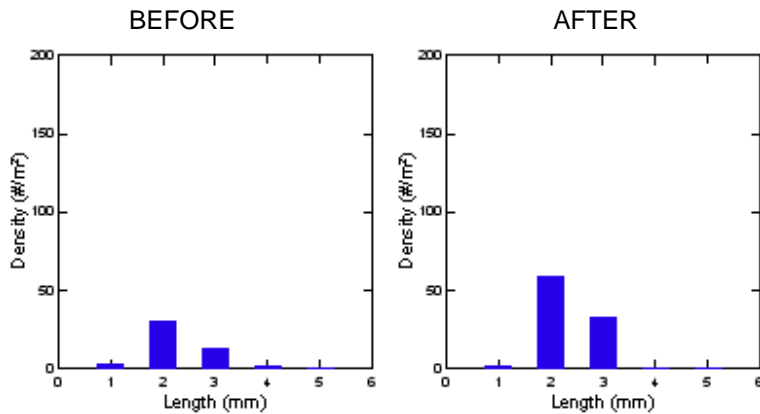
Figure 5.1-100. Comparison of Length Distribution for *Hydroptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



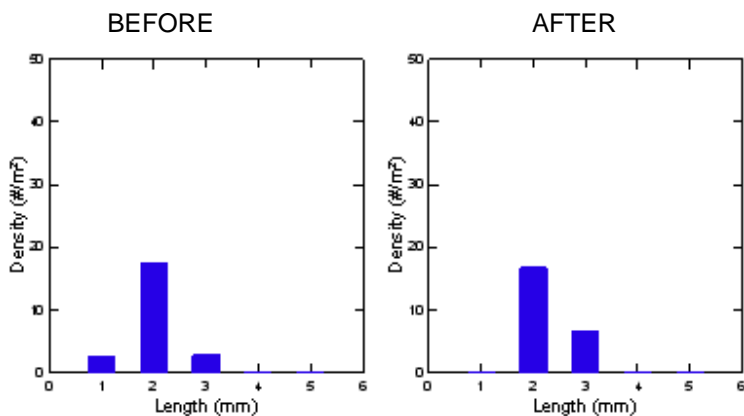
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2007 Cresta Length Distributions



P=0.99

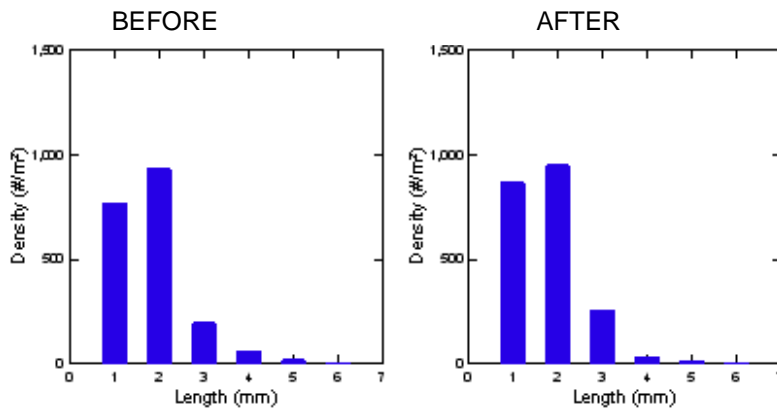
2007 UNF Length Distributions



P=1.00

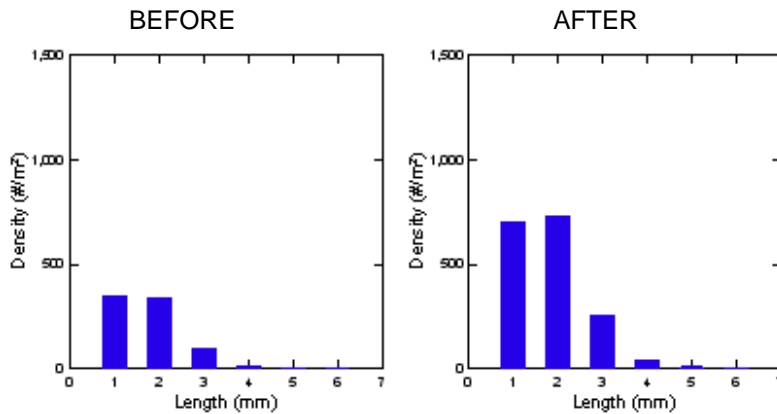
Figure 5.1-101. Comparison of Length Distribution for *Isoperla* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



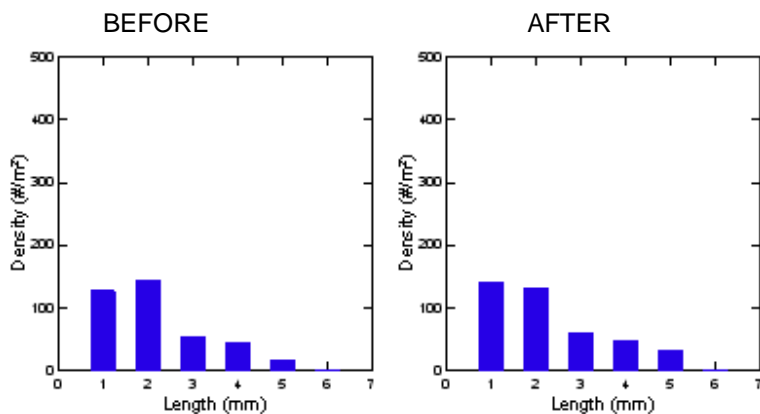
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2007 Cresta Length Distributions



P=0.20

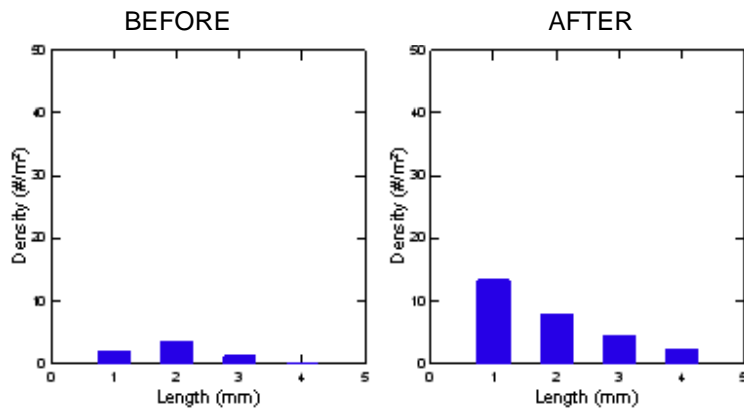
2007 UNF Length Distributions



P=1.00

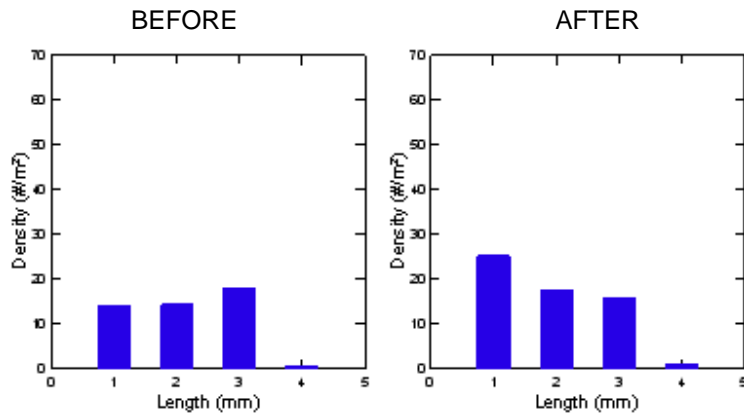
Figure 5.1-102. Comparison of Length Distribution for *Leucotrichia pictipes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



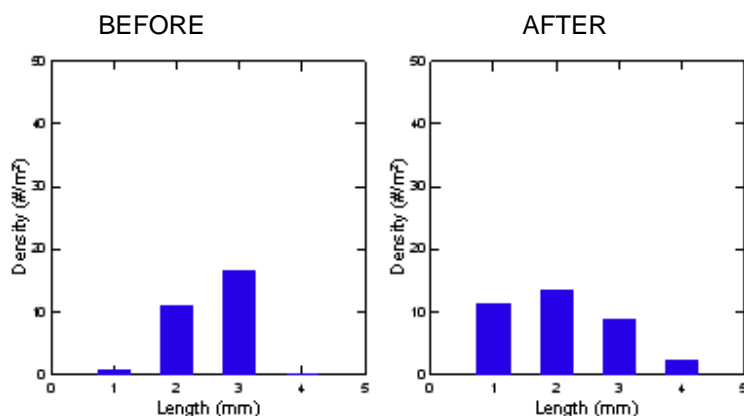
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2007 Cresta Length Distributions



P=0.95

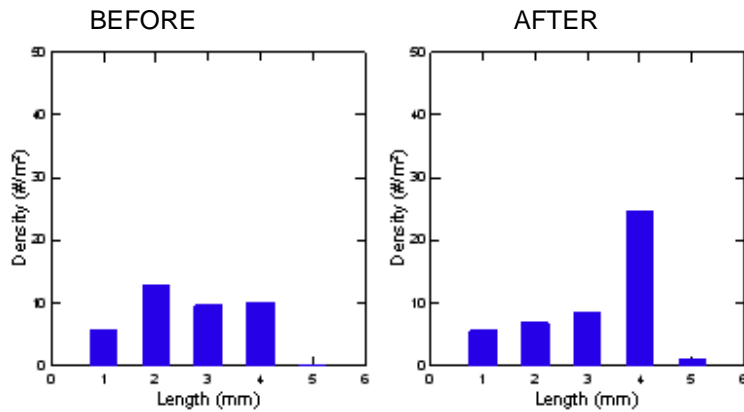
2007 UNF Length Distributions



P=0.19

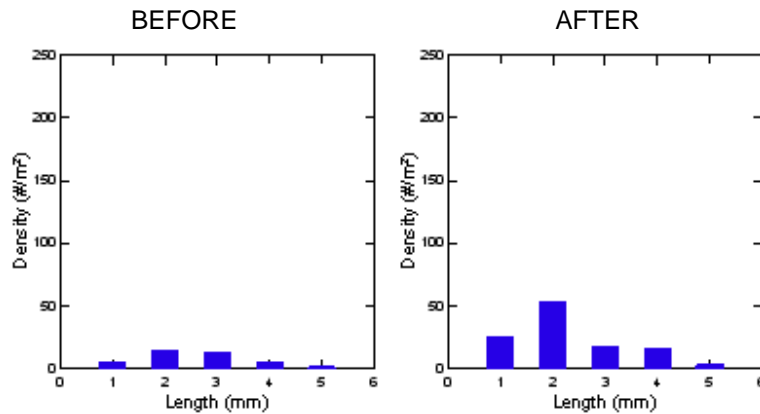
Figure 5.1-103. Comparison of Length Distribution for *Ochrotrichia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



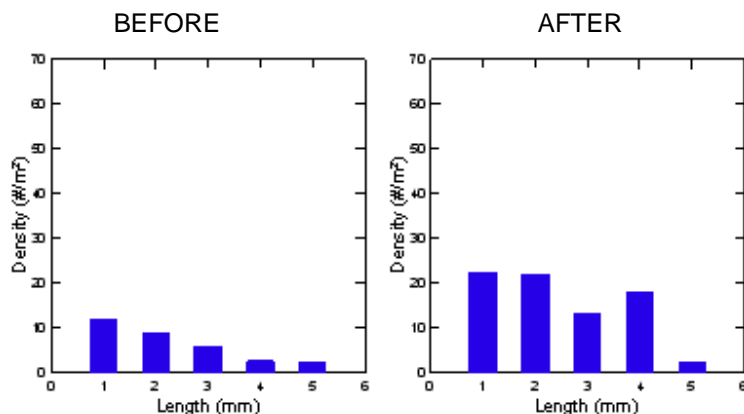
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2007 Cresta Length Distributions



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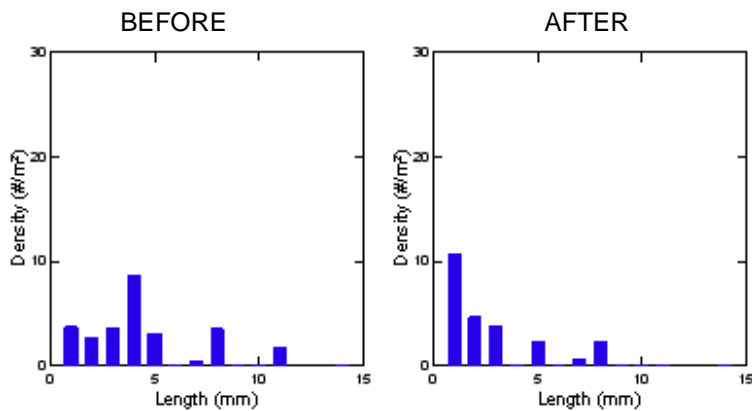
2007 UNF Length Distributions



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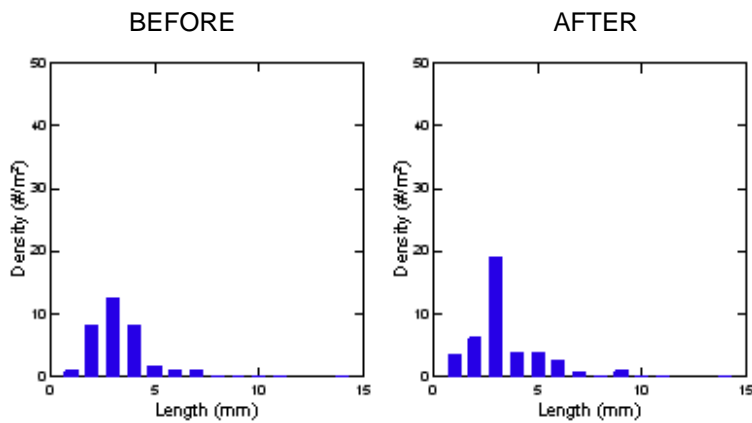
Figure 5.1-104. Comparison of Length Distribution for *Optioservus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



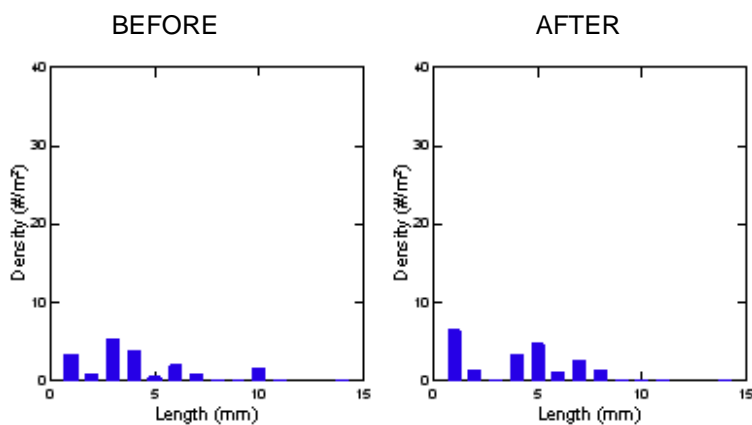
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2007 Cresta Length Distributions



P=0.99

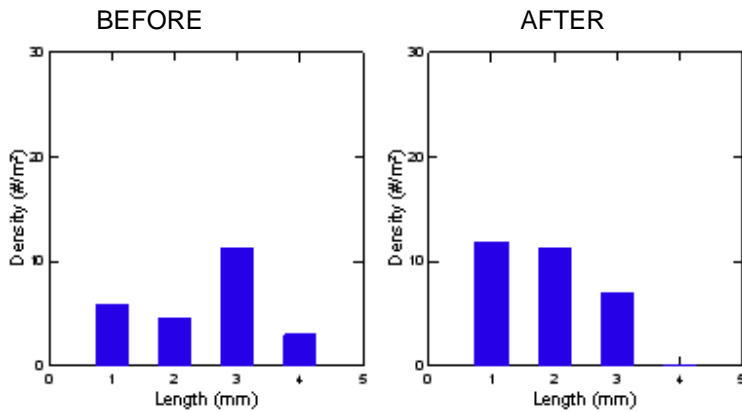
2007 UNF Length Distributions



P=1.00

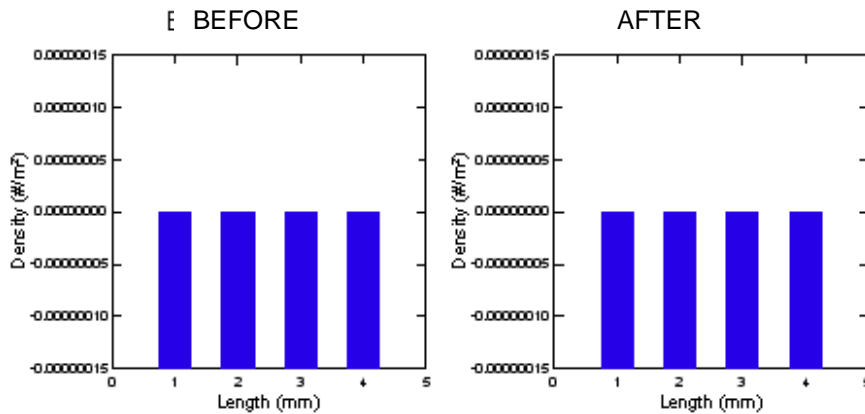
Figure 5.1-105. Comparison of Length Distribution for *Petrophila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



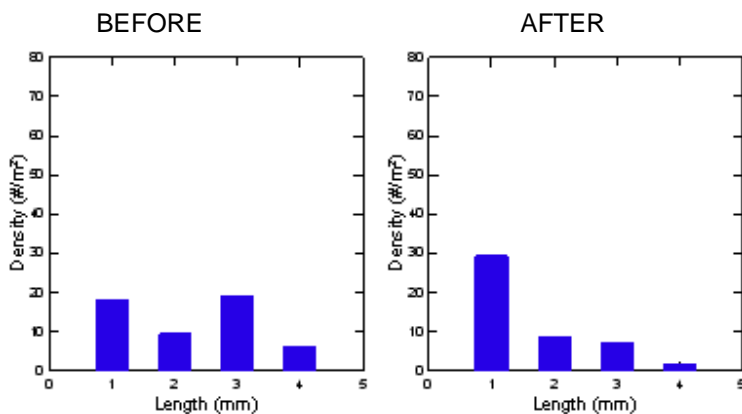
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2007 Cresta Length Distributions



P=NA

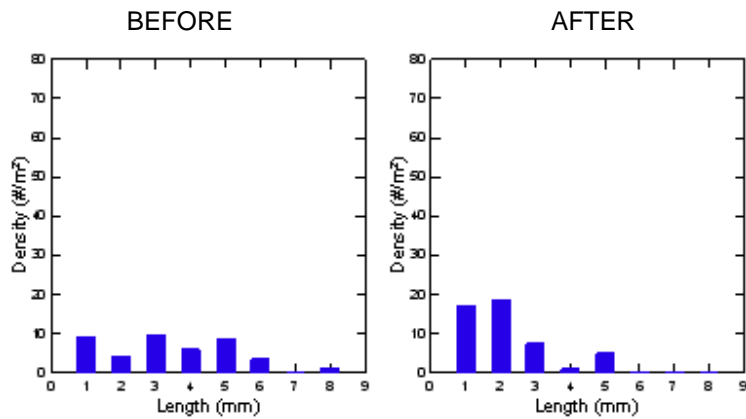
2007 UNF Length Distributions



P=0.42

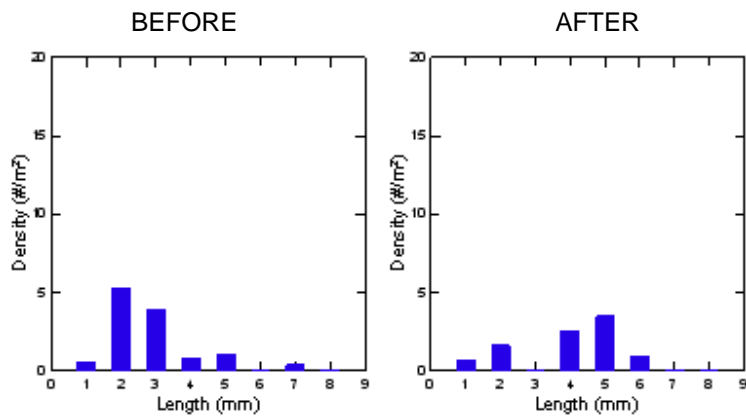
Figure 5.1-106. Comparison of Length Distribution for *Protoptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



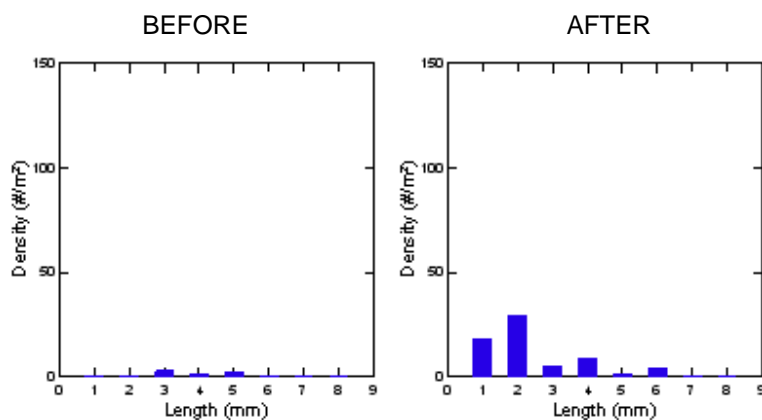
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2007 Cresta Length Distributions



P=0.88

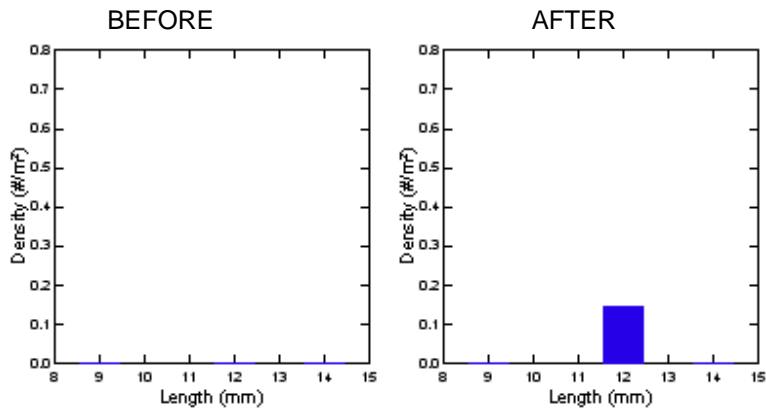
2007 UNF Length Distributions



P=0.11

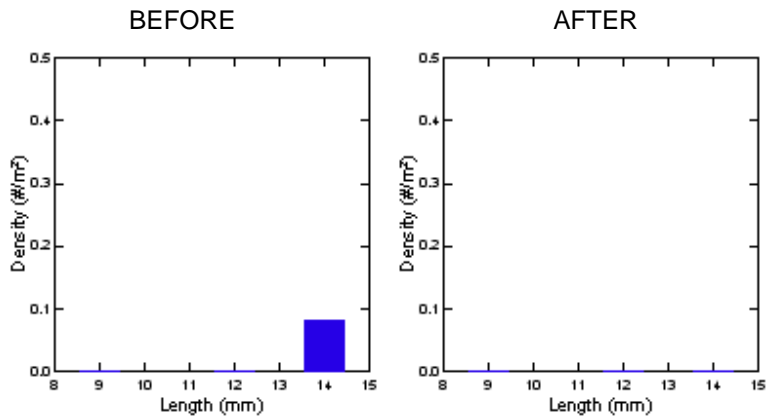
Figure 5.1-107. Comparison of Length Distribution for *Psychomyia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



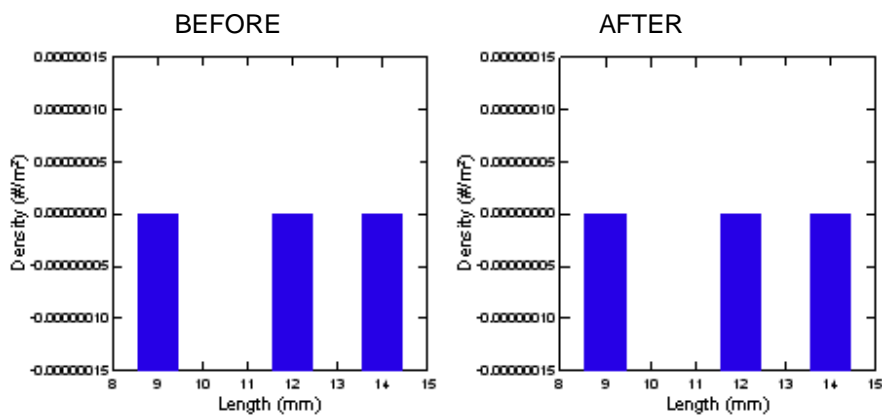
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2007 Cresta Length Distributions



P=1.00

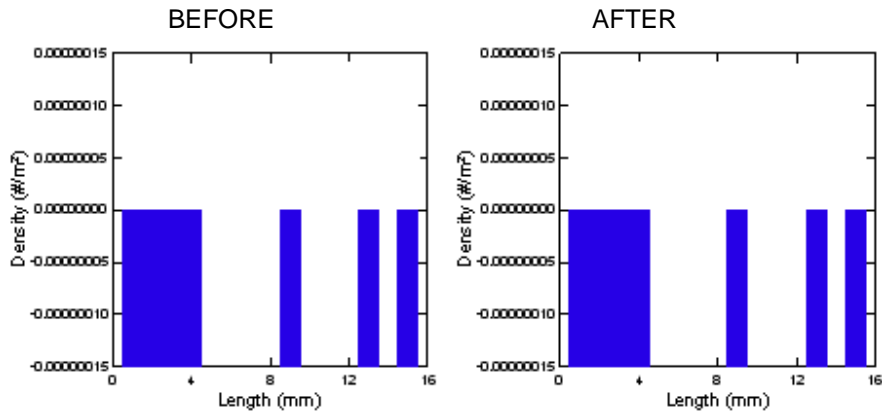
2007 UNF Length Distributions



P=NA

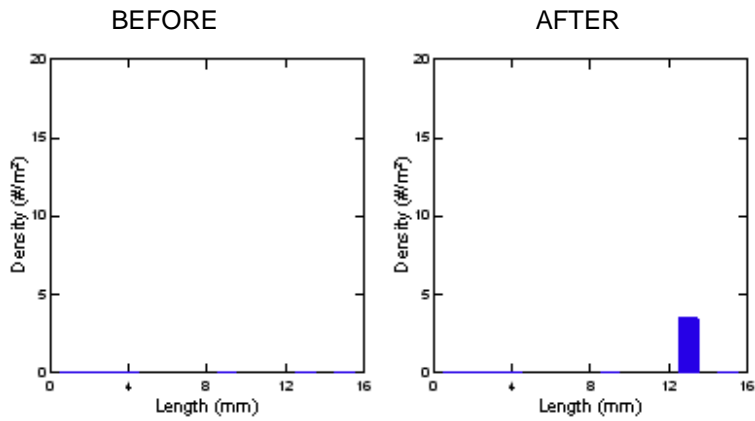
Figure 5.1-108. Comparison of Length Distribution for *Rhyacophila angelita* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



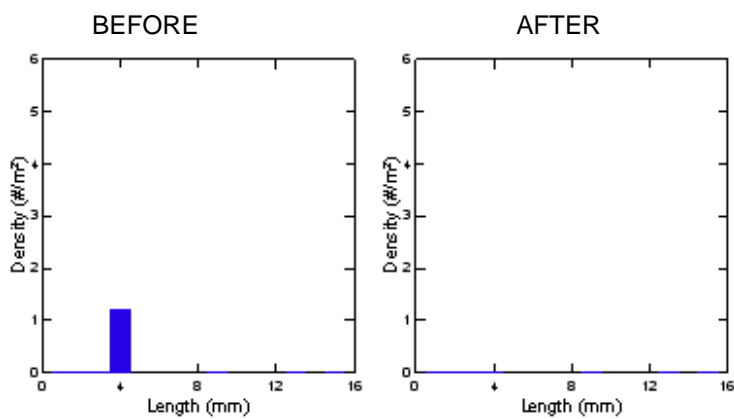
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2007 Cresta Length Distributions



P=0.001

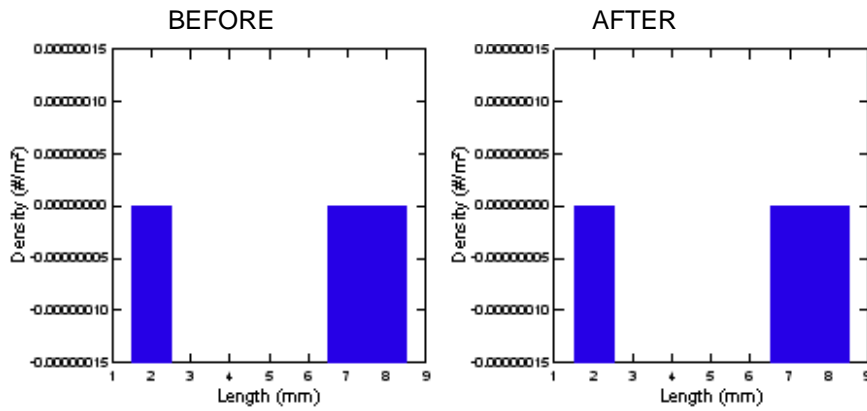
2007 UNF Length Distributions



P=1.00

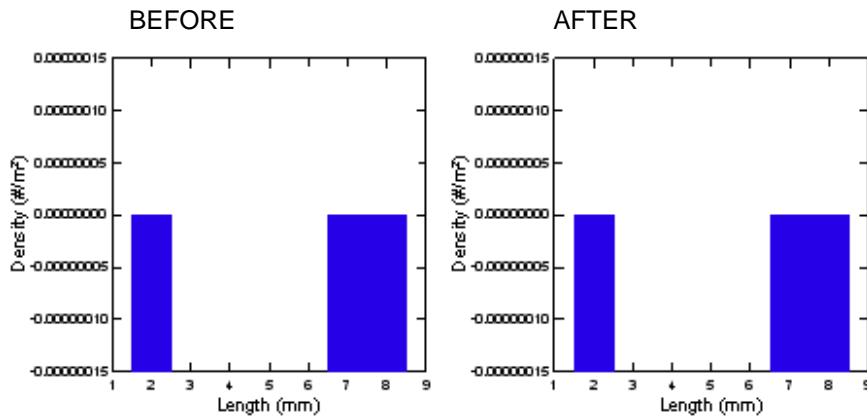
Figure 5.1-109. Comparison of Length Distribution for *Rhyacophila coloradensis* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



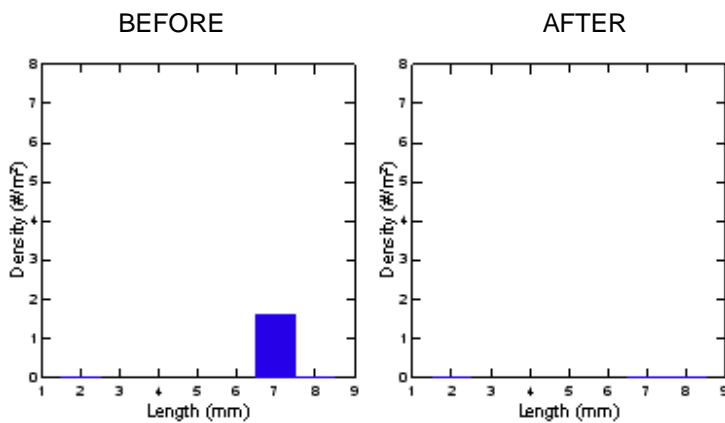
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2007 Cresta Length Distributions



P=NA

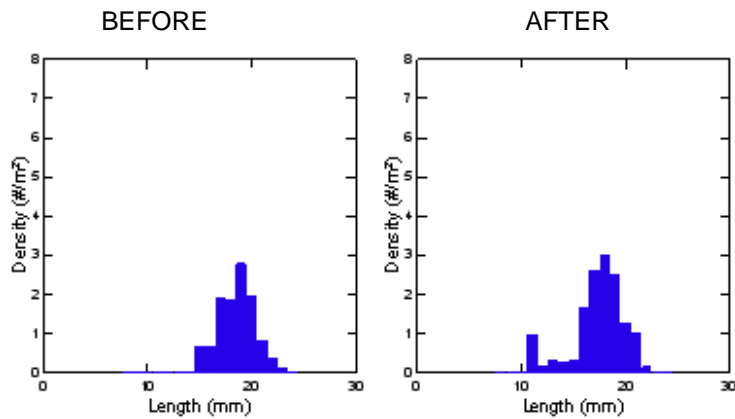
2007 UNF Length Distributions



P=1.00

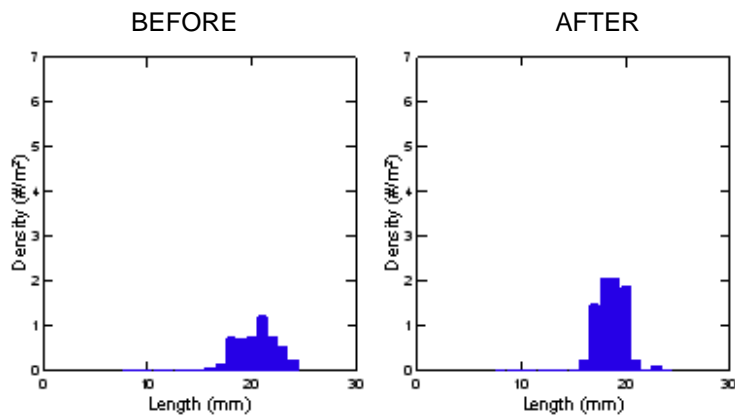
Figure 5.1-110. Comparison of Length Distribution for *Rhyacophila hyalinta* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



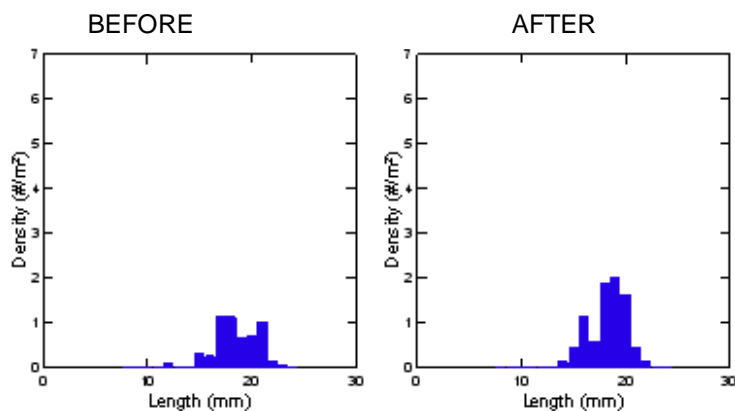
P=0.85

2007 Cresta Length Distributions



P=1.00

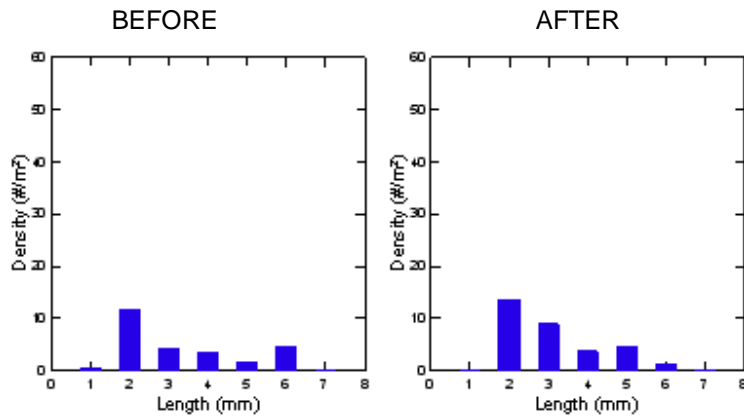
2007 UNF Length Distributions



P=0.52

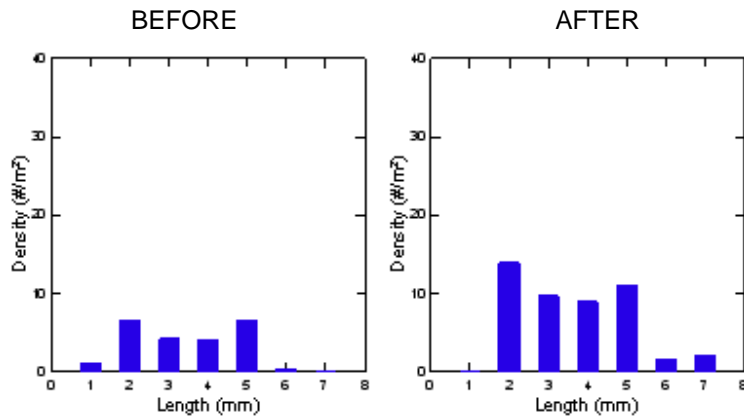
Figure 5.1-111. Comparison of Length Distribution for *Rhyacophila malkini* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



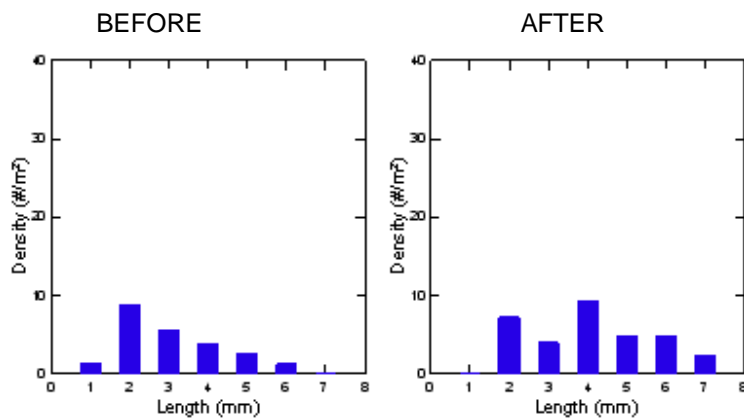
P=0.96

2007 Cresta Length Distributions



P=0.18

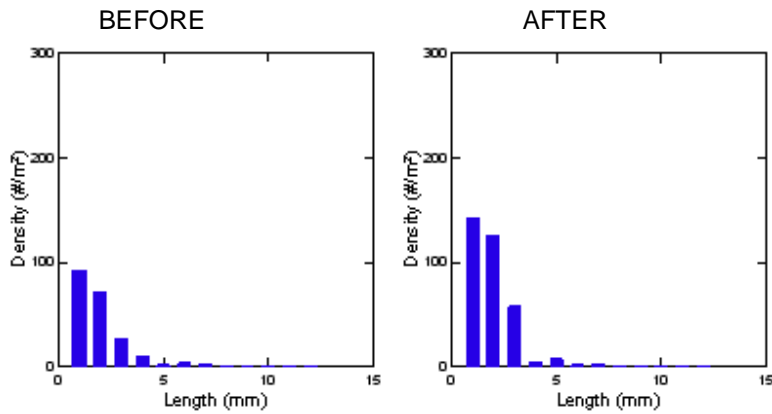
2007 UNF Length Distributions



P=0.80

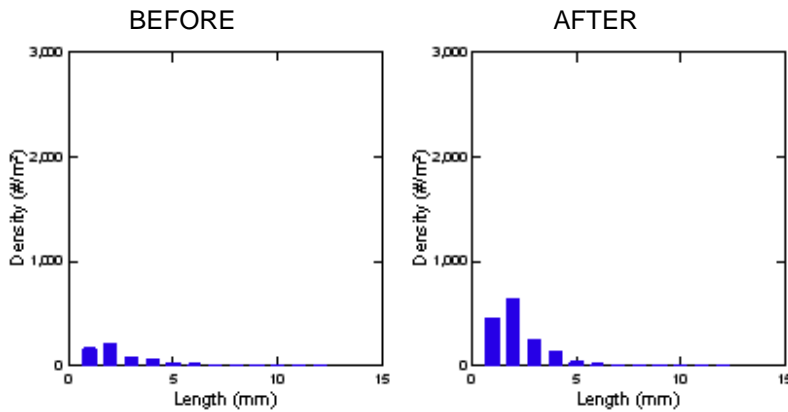
Figure 5.1-112. Comparison of Length Distribution for *Serratella micheneri* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



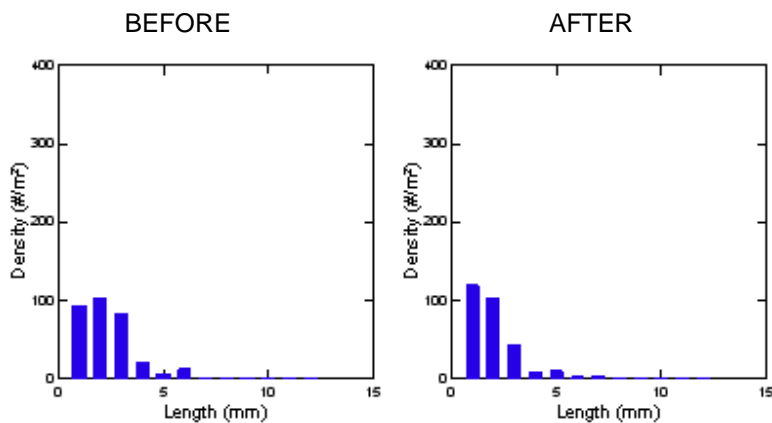
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2007 Cresta Length Distributions



P=0.18

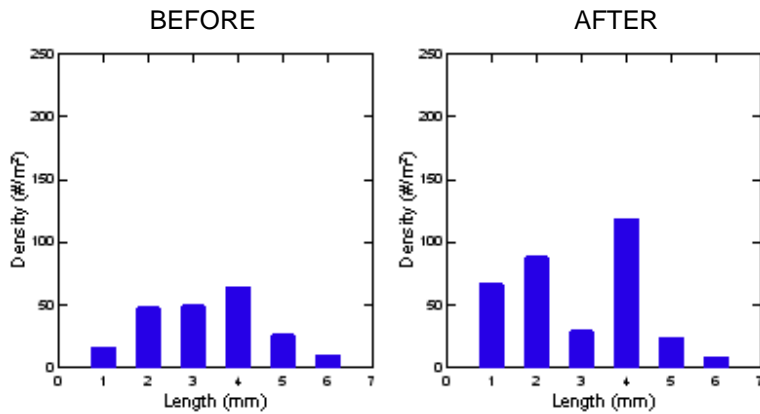
2007 UNF Length Distributions



P=0.96

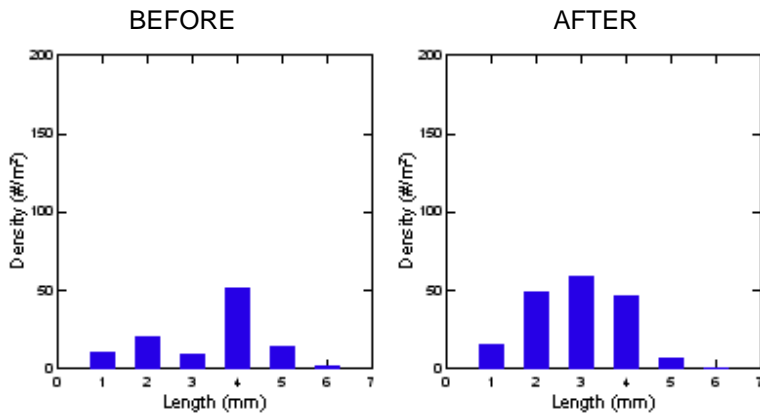
Figure 5.1-113. Comparison of Length Distribution for *Simulium* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



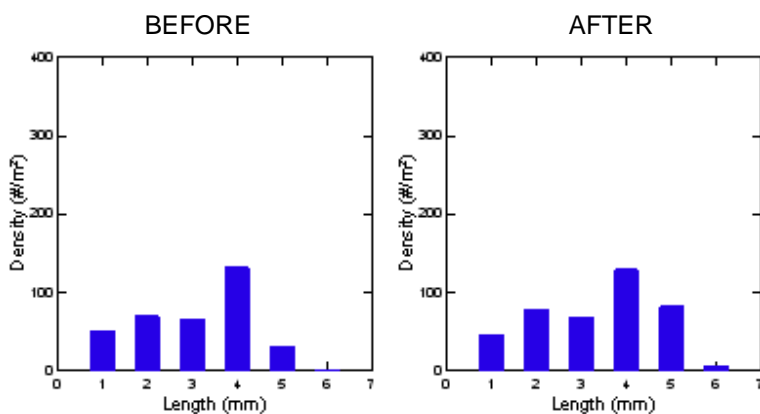
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2007 Cresta Length Distributions



P=0.74

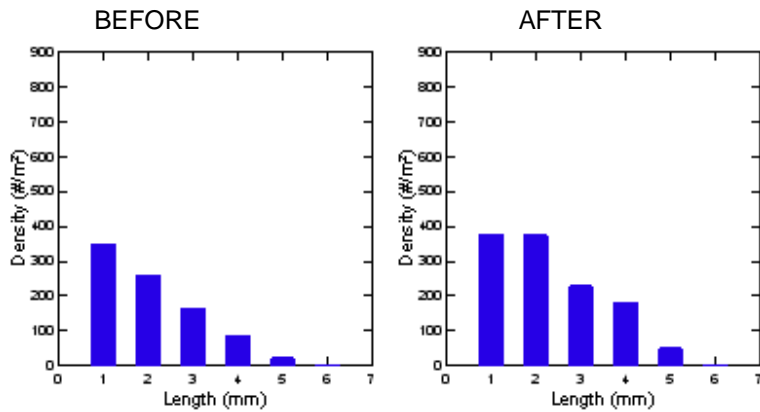
2007 UNF Length Distributions



P=0.93

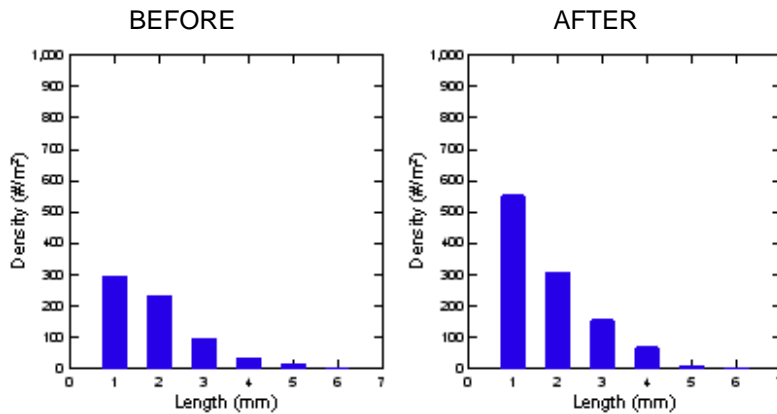
Figure 5.1-114. Comparison of Length Distribution for *Zaitzevia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, August, 2007.

2007 Rock Creek Length Distributions



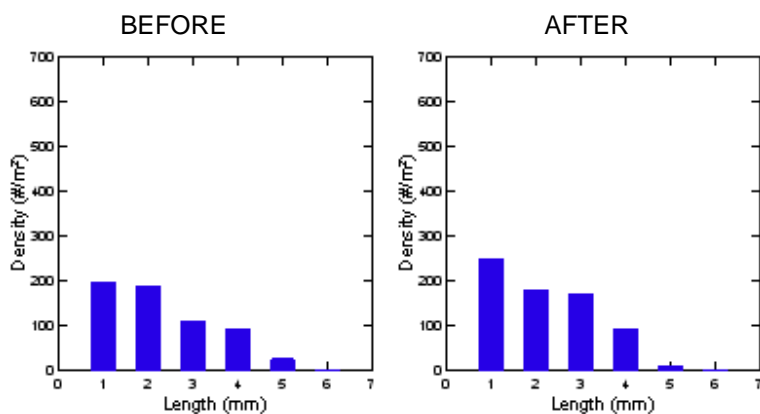
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2007 Cresta Length Distributions



P=0.33

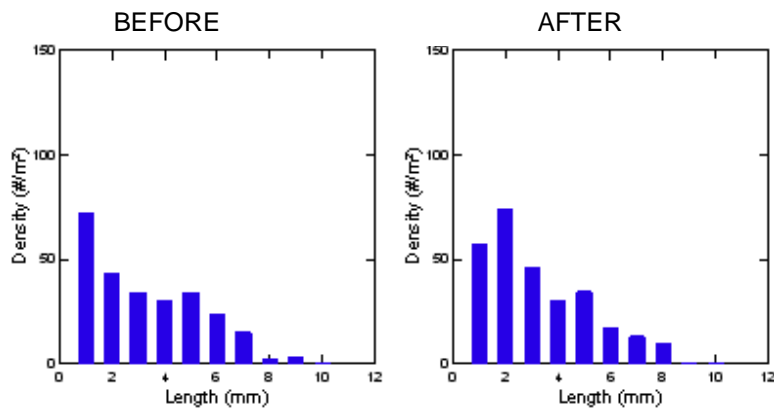
2007 UNF Length Distributions



P=0.08

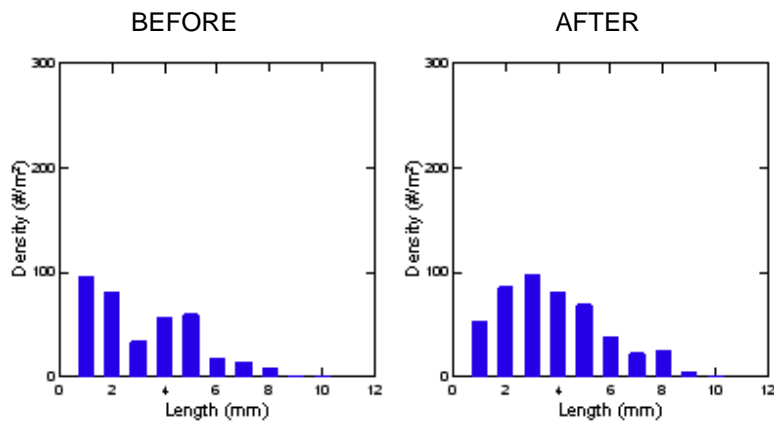
Figure 5.1-115. Comparison of Length Distribution for *Acentrella* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



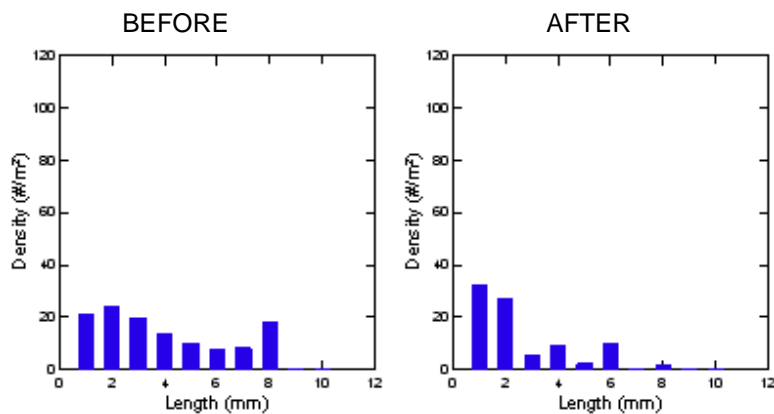
P=0.82

2007 Cresta Length Distributions



P=0.49

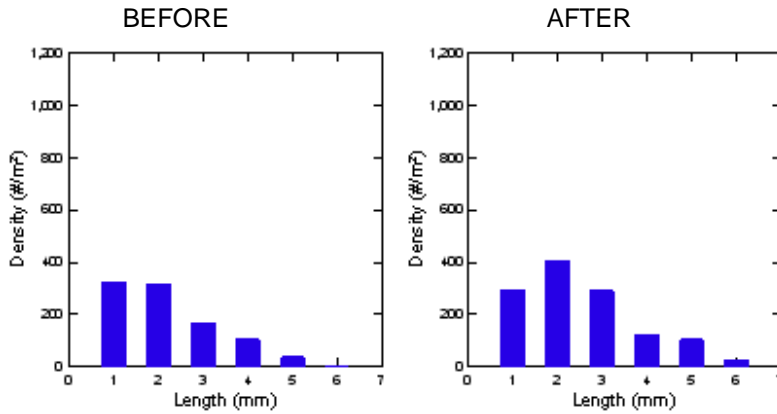
2007 UNF Length Distributions



P=0.78

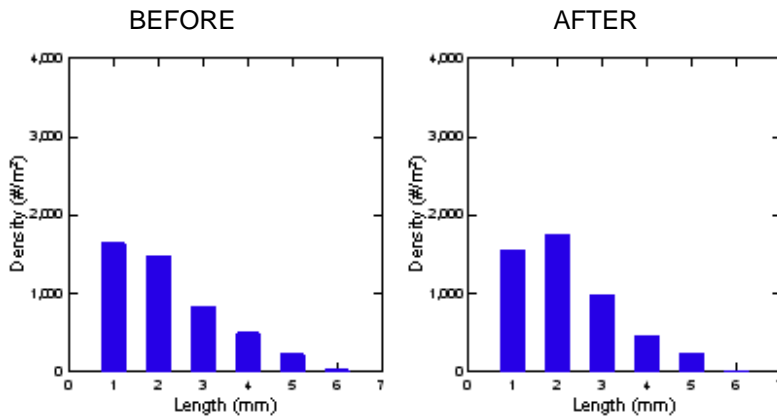
Figure 5.1-116. Comparison of Length Distribution for *Antocha* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



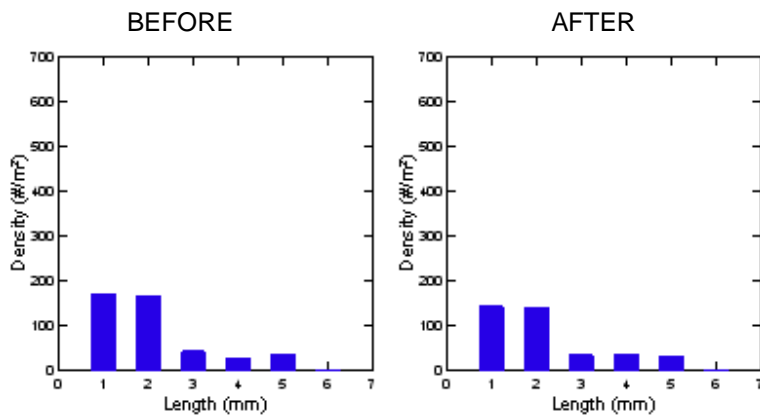
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2007 Cresta Length Distributions



P=0.74

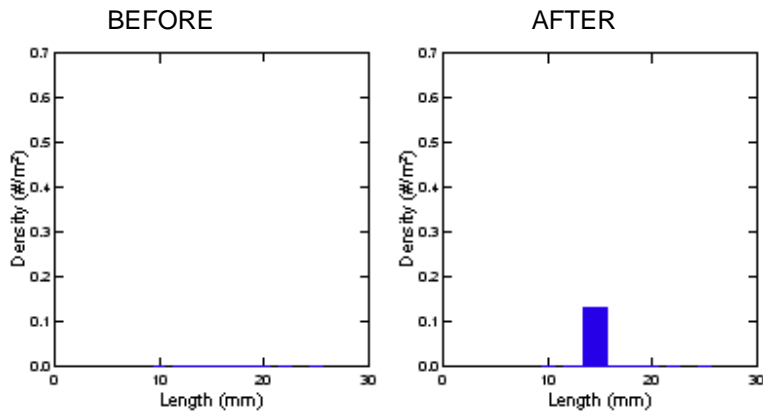
2007 UNF Length Distributions



P=0.002

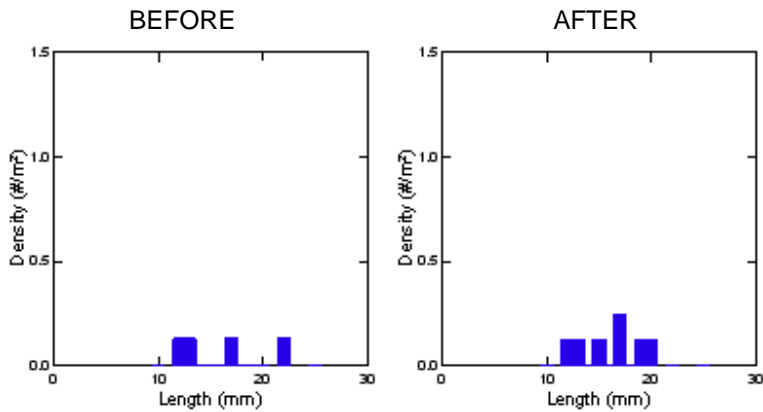
Figure 5.1-117. Comparison of Length Distribution for *Baetis tricaudatus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



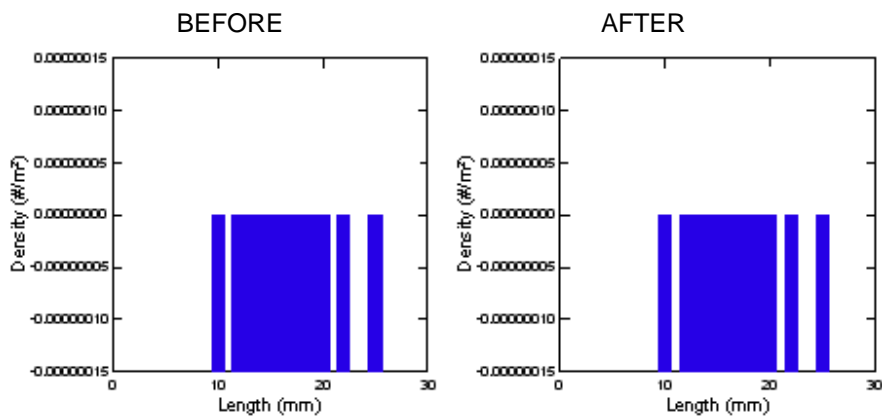
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2007 Cresta Length Distributions



P=0.81

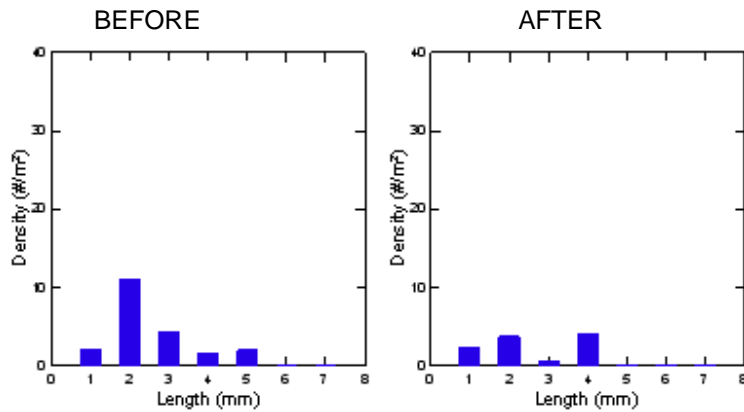
2007 UNF Length Distributions



P=NA

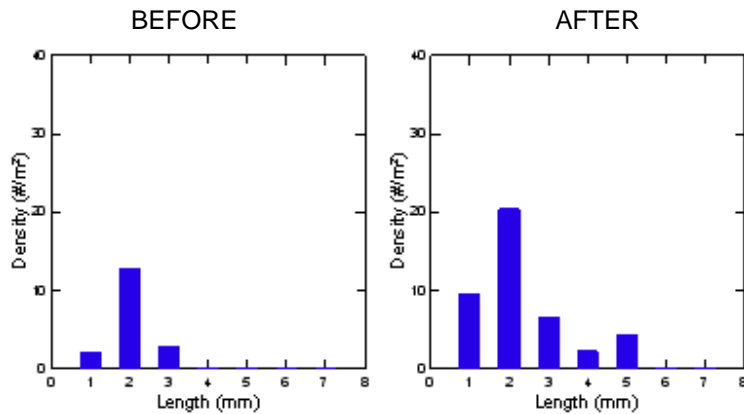
Figure 5.1-118. Comparison of Length Distribution for *Calineuria californica* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



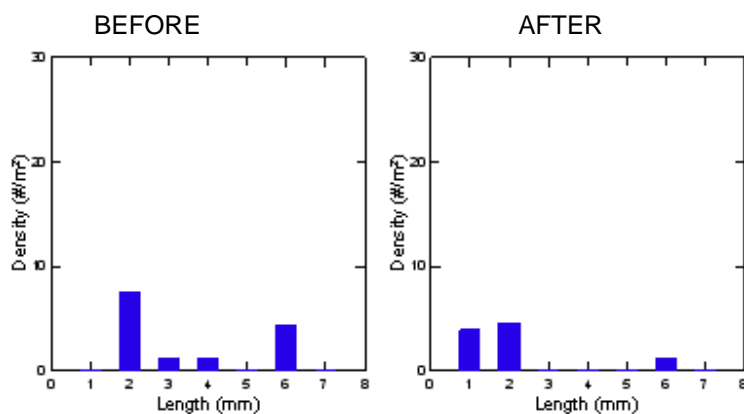
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2007 Cresta Length Distributions



P=0.10

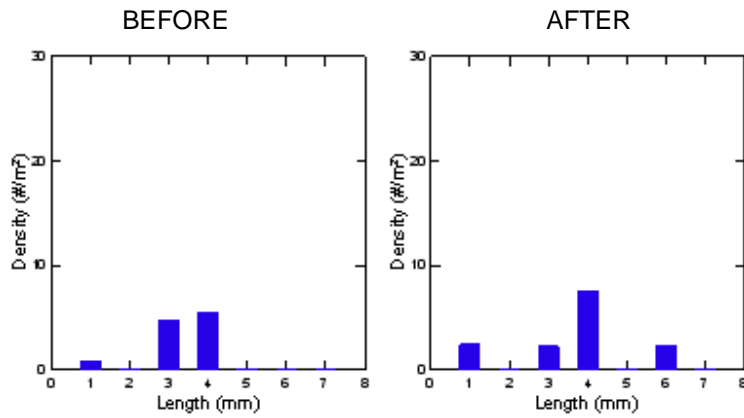
2007 UNF Length Distributions



P=1.00

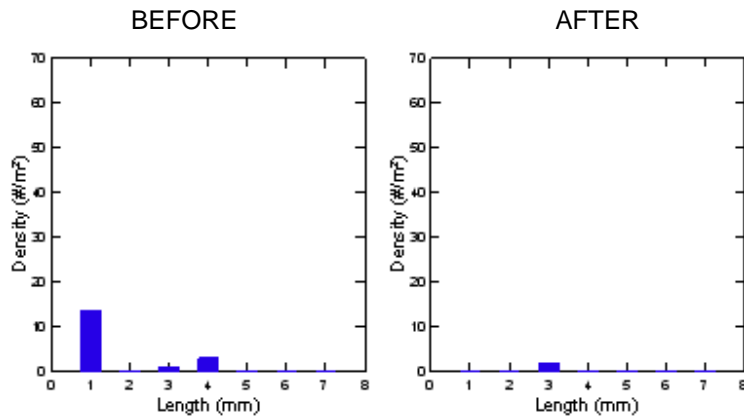
Figure 5.1-119. Comparison of Length Distribution for *Camelobaetidius* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



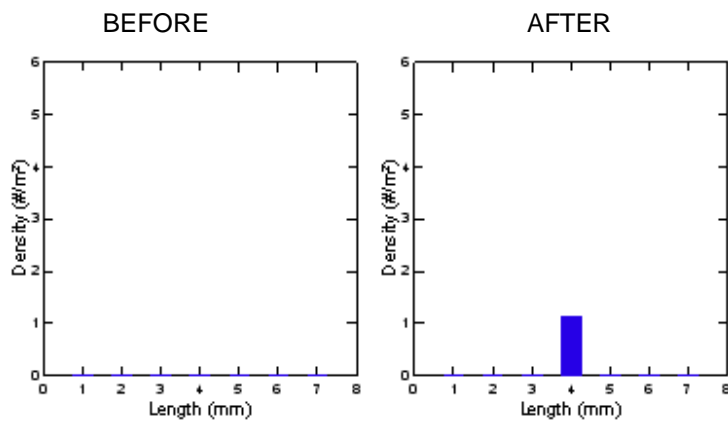
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2007 Cresta Length Distributions



P=0.96

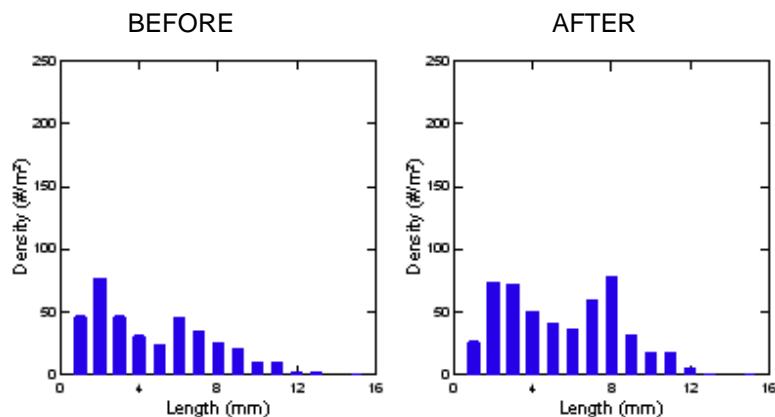
2007 UNF Length Distributions



P=0.001

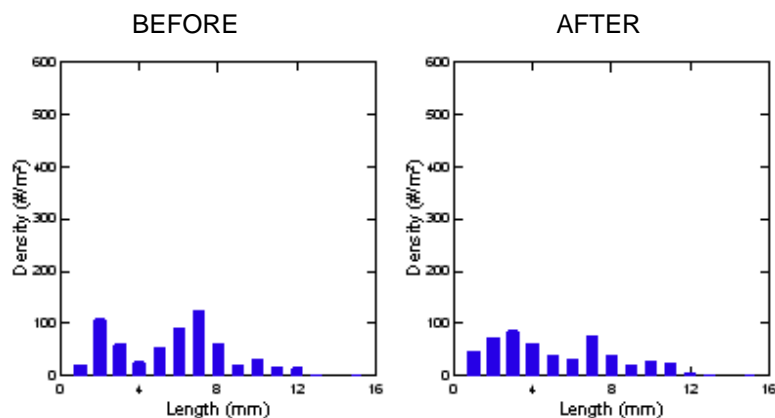
Figure 5.1-120. Comparison of Length Distribution for *Ceraclea* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



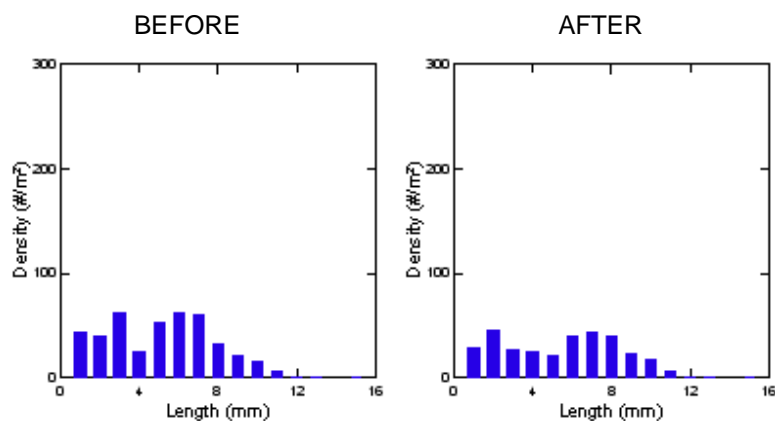
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2007 Cresta Length Distributions



P=0.01

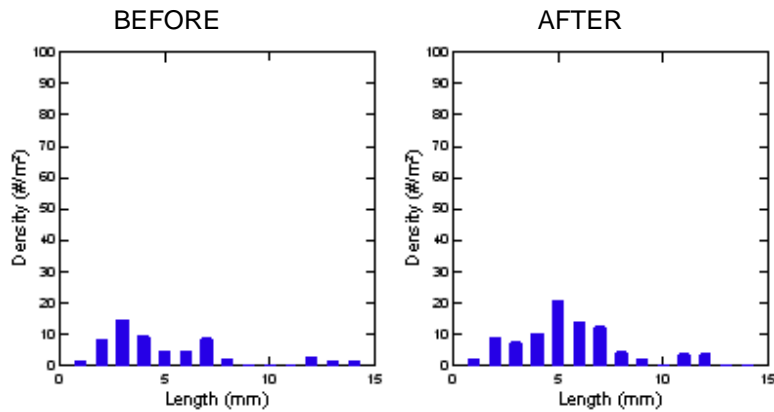
2007 UNF Length Distributions



P=0.001

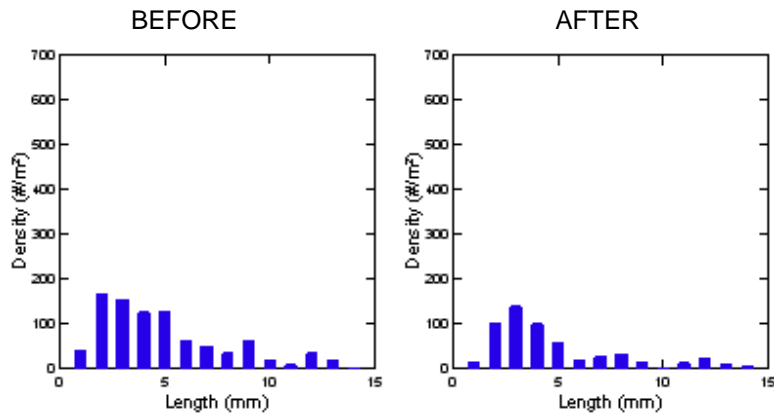
Figure 5.1-121. Comparison of Length Distribution for *Cheumatopsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



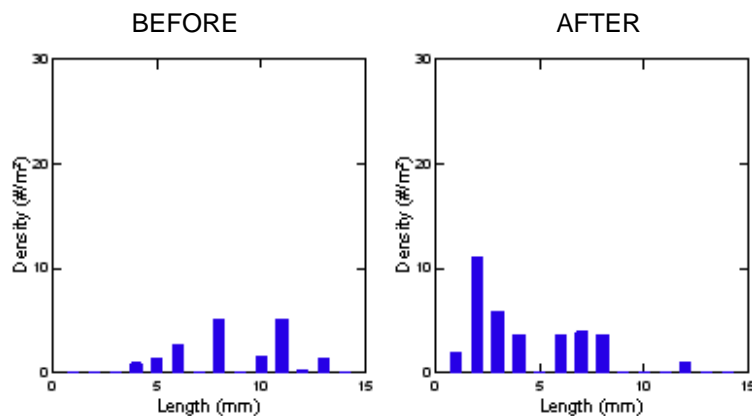
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2007 Cresta Length Distributions



P=0.47

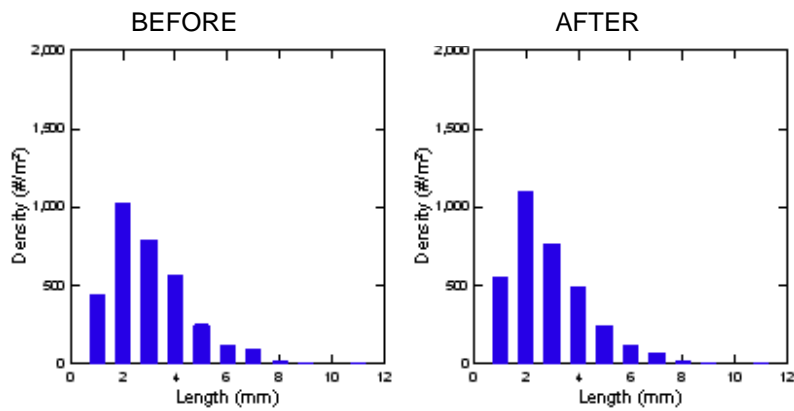
2007 UNF Length Distributions



P=0.28

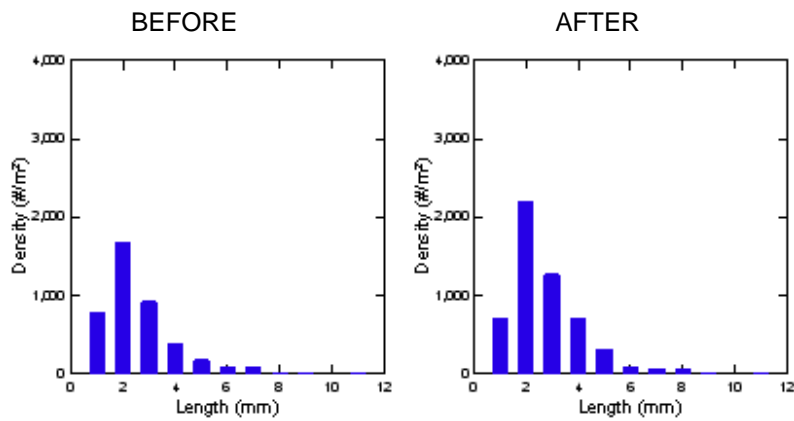
Figure 5.1-122. Comparison of Length Distribution for *Chimarra* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



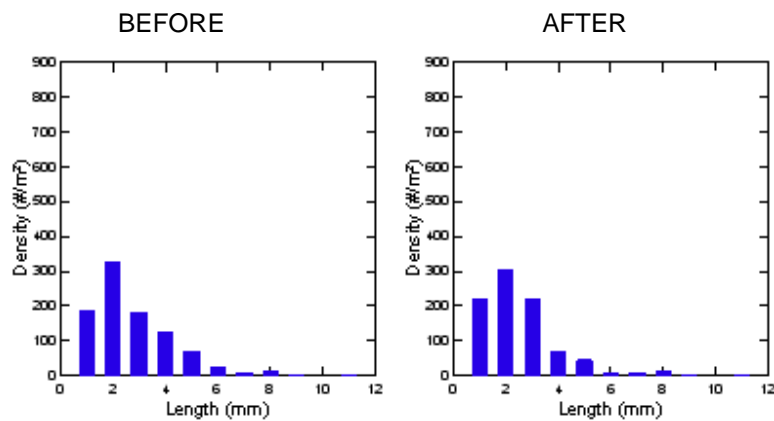
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2007 Cresta Length Distributions



P=0.27

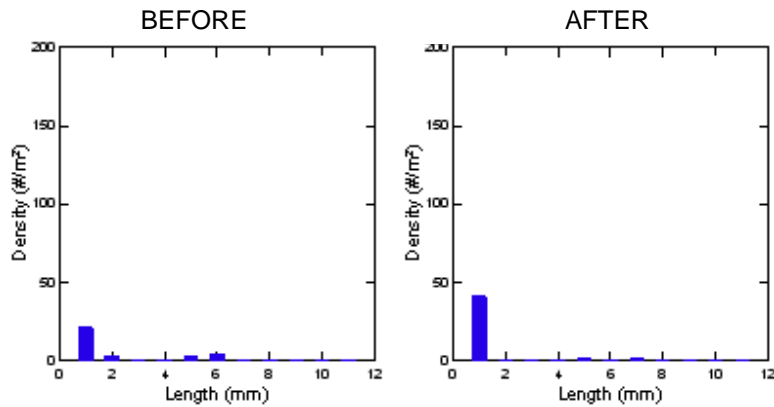
2007 UNF Length Distributions



P=0.08

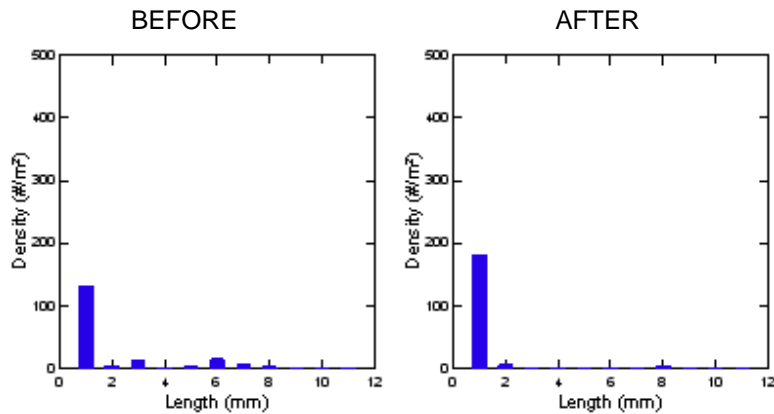
Figure 5.1-123. Comparison of Length Distribution for Chironomidae on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



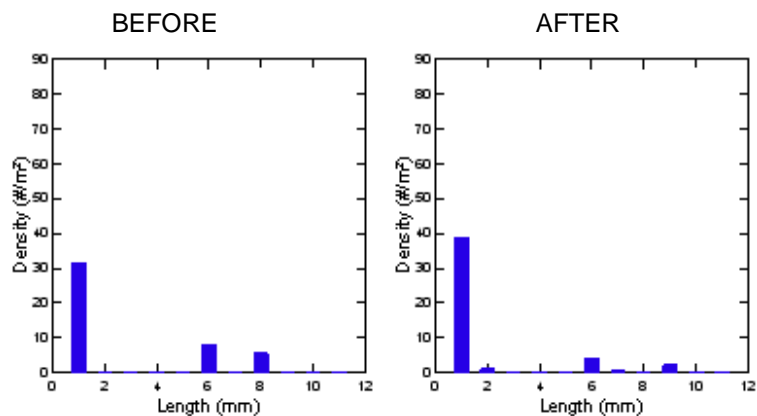
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2007 Cresta Length Distributions



P=0.77

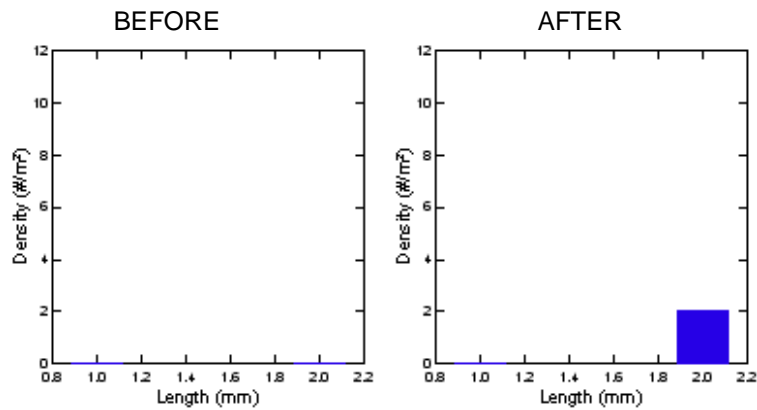
2007 UNF Length Distributions



P=0.60

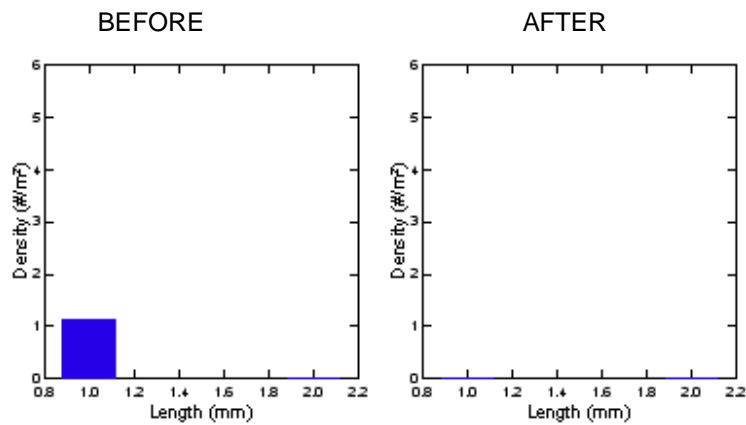
Figure 5.1-124. Comparison of Length Distribution for *Epeorus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



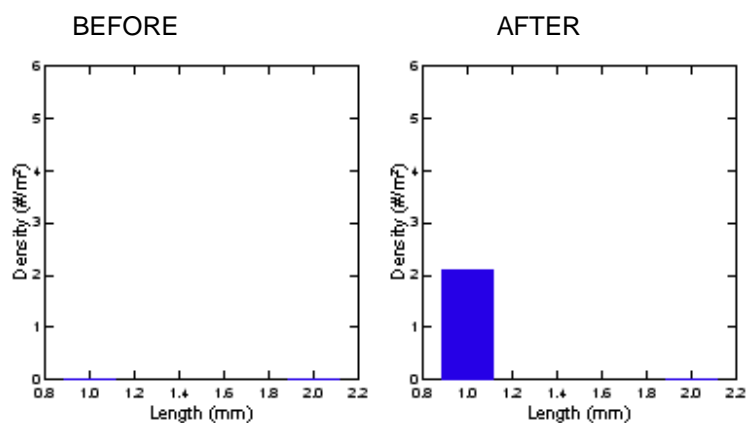
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2007 Cresta Length Distributions



P=0.03

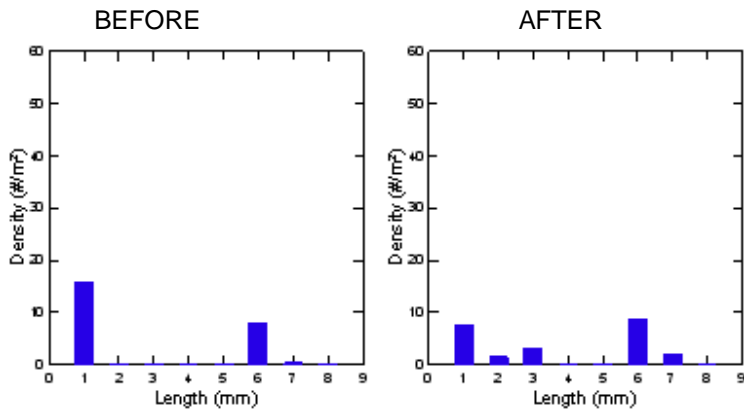
2007 UNF Length Distributions



P=0.33

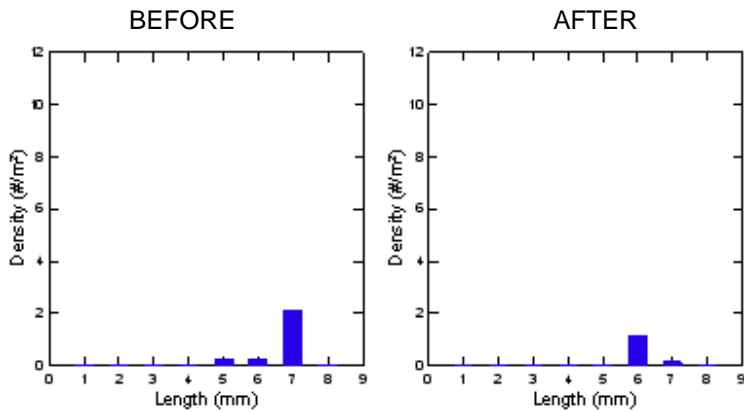
Figure 5.1-125. Comparison of Length Distribution for *Ephemerella excrucians* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



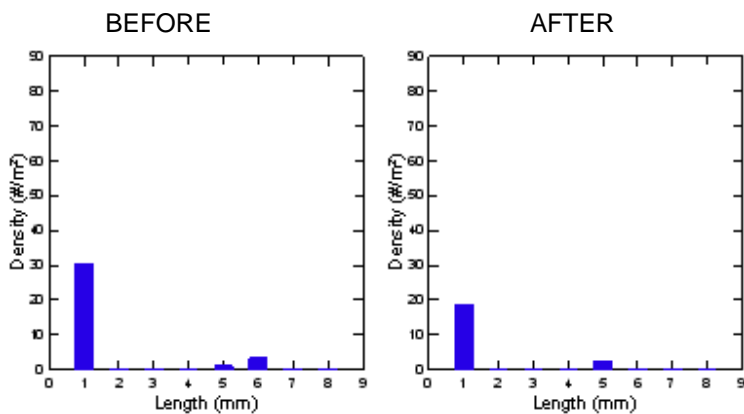
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2007 Cresta Length Distributions



P=1.00

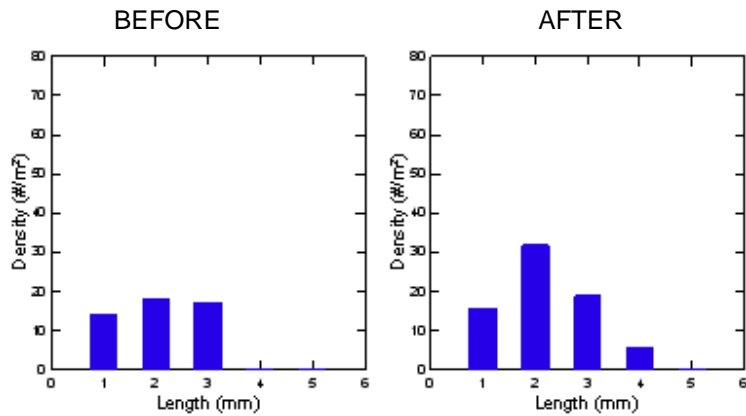
2007 UNF Length Distributions



P=1.00

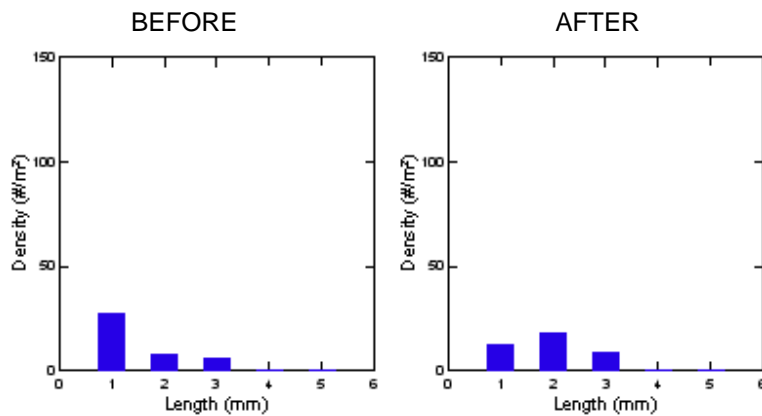
Figure 5.1-126. Comparison of Length Distribution for *Glossosoma* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



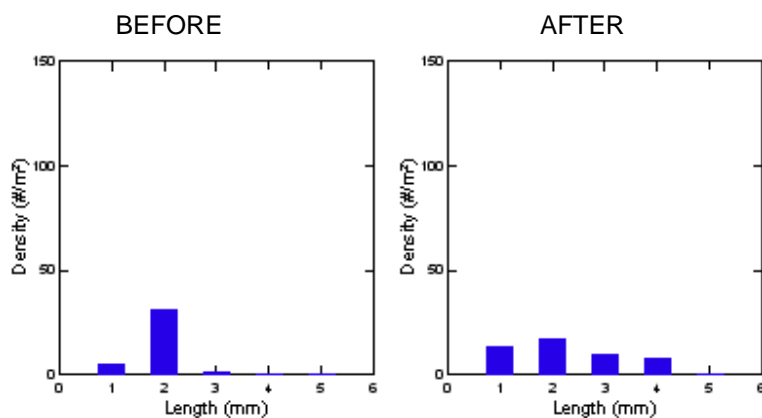
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2007 Cresta Length Distributions



P=0.87

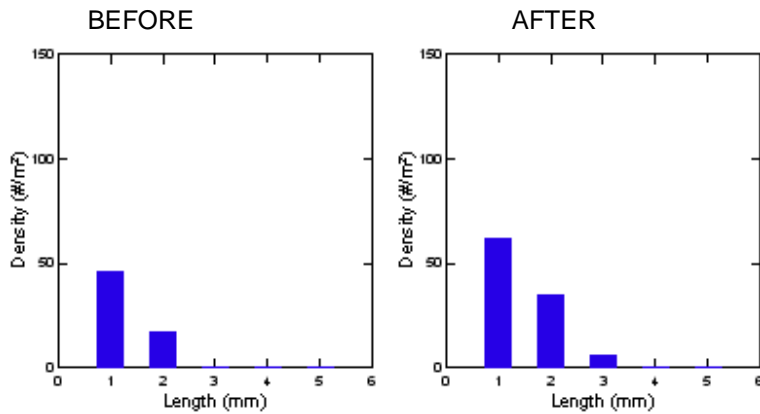
2007 UNF Length Distributions



P=0.05

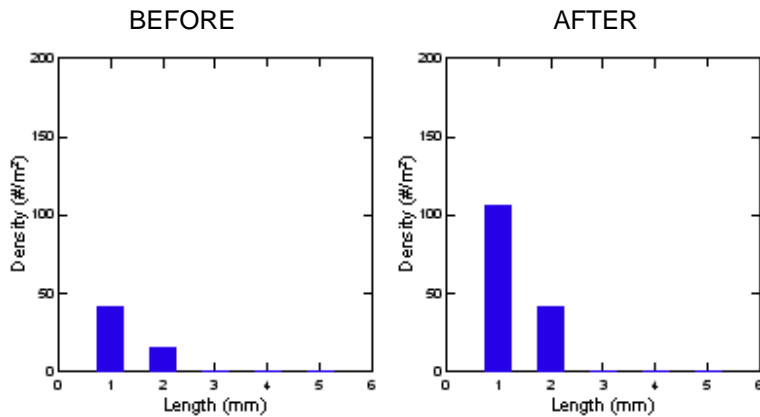
Figure 5.1-127. Comparison of Length Distribution for *Hemerodromia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



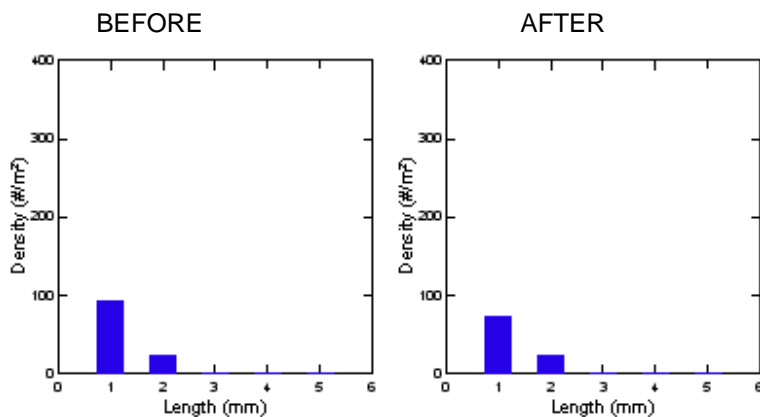
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2007 Cresta Length Distributions



P=0.43

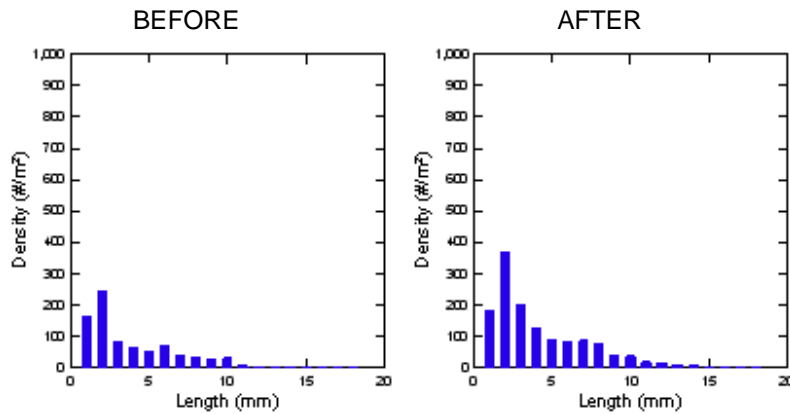
2007 UNF Length Distributions



P=0.67

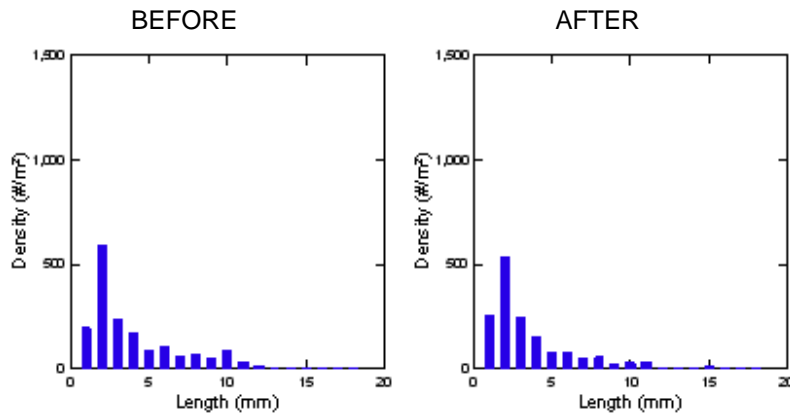
Figure 5.1-128. Comparison of Length Distribution for *Homoleptohyphes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



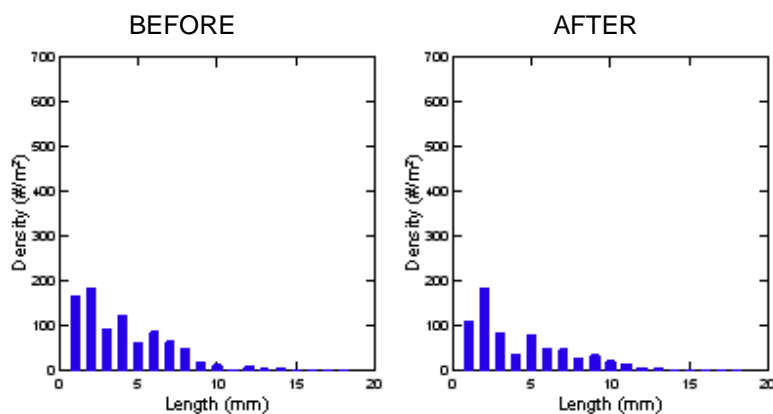
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2007 Cresta Length Distributions



P=0.51

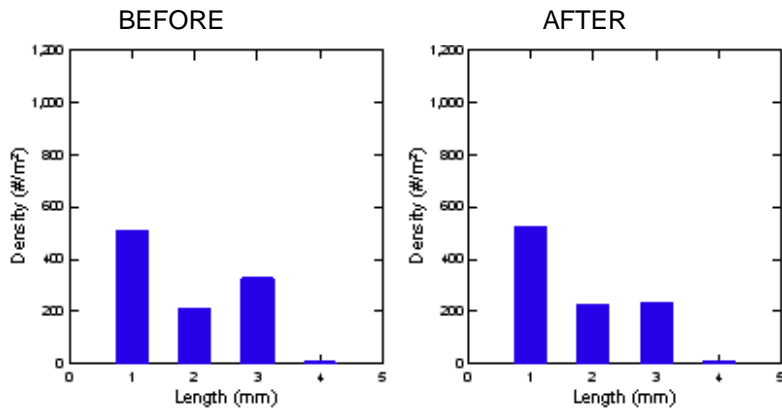
2007 UNF Length Distributions



P=0.003

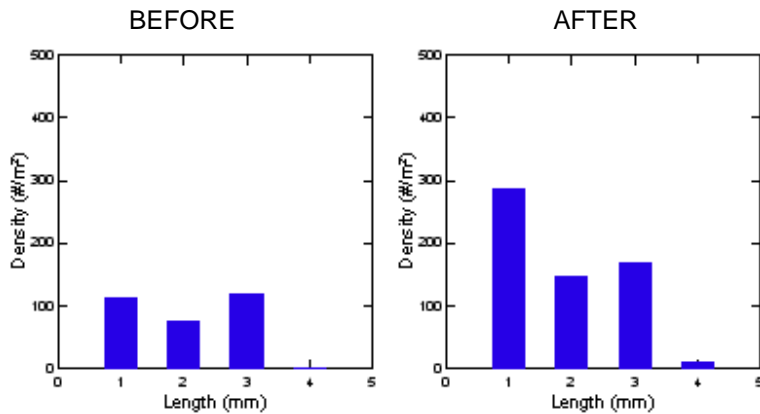
Figure 5.1-129. Comparison of Length Distribution for *Hydropsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



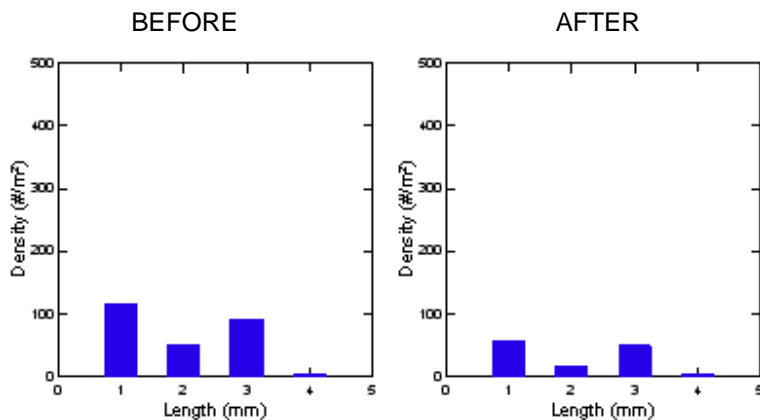
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2007 Cresta Length Distributions



P=0.06

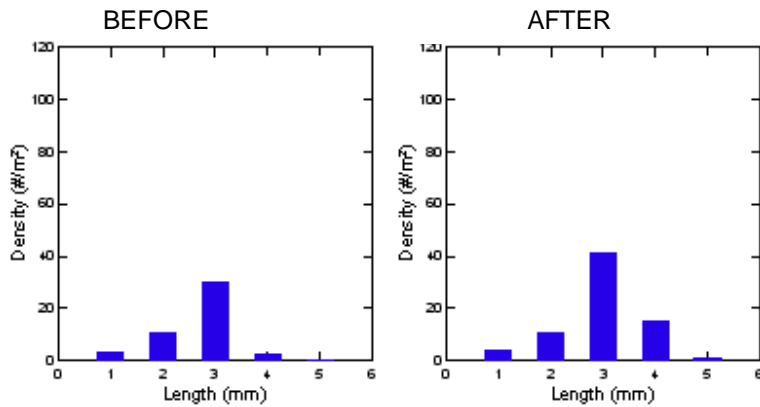
2007 UNF Length Distributions



P=0.34

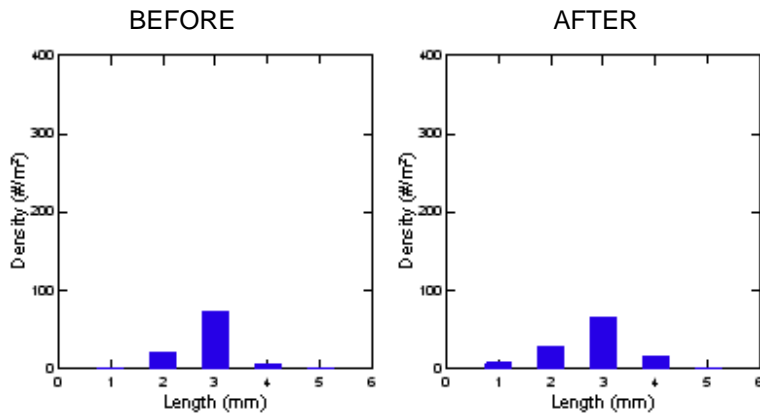
Figure 5.1-130. Comparison of Length Distribution for *Hydroptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



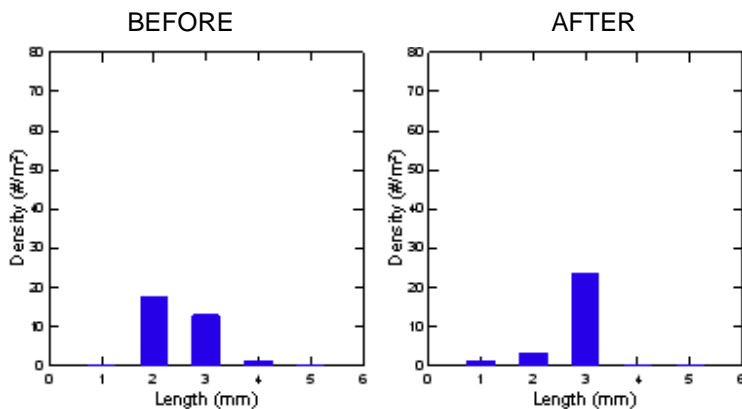
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2007 Cresta Length Distributions



P=0.99

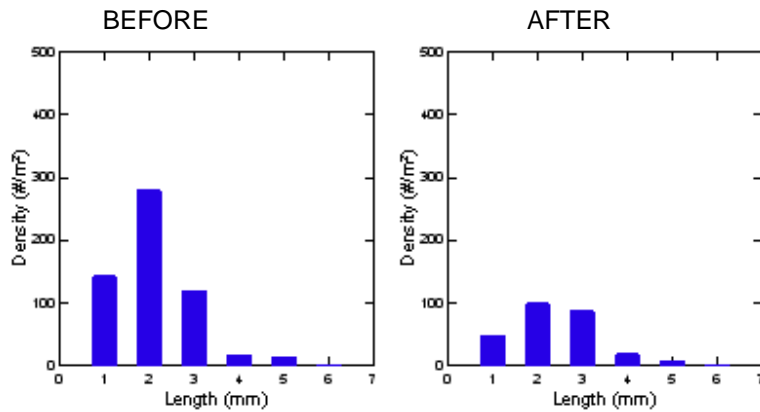
2007 UNF Length Distributions



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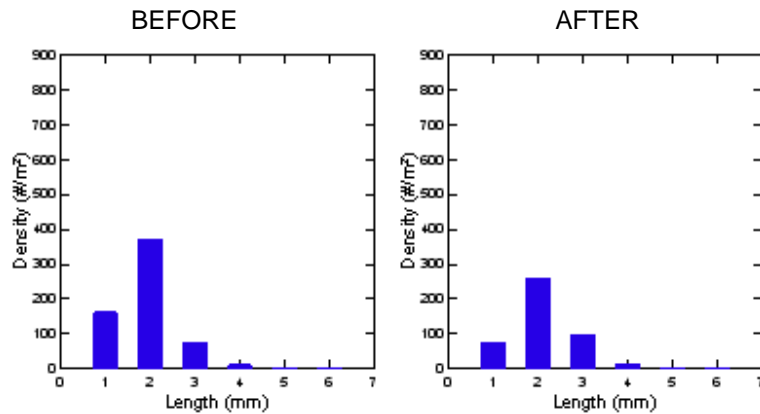
Figure 5.1-131. Comparison of Length Distribution for *Isoperla* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



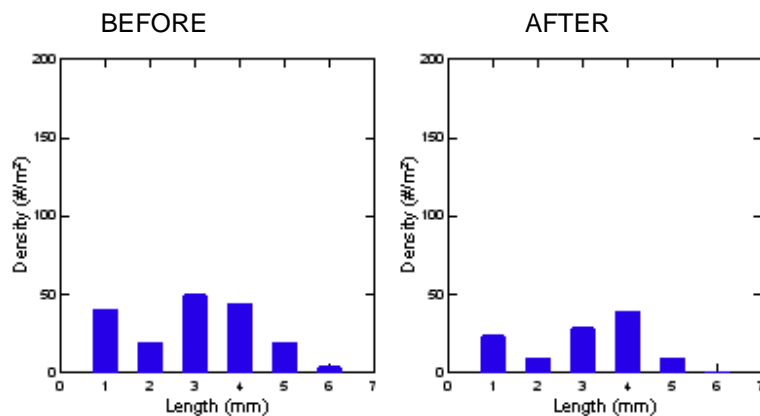
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2007 Cresta Length Distributions



P=0.20

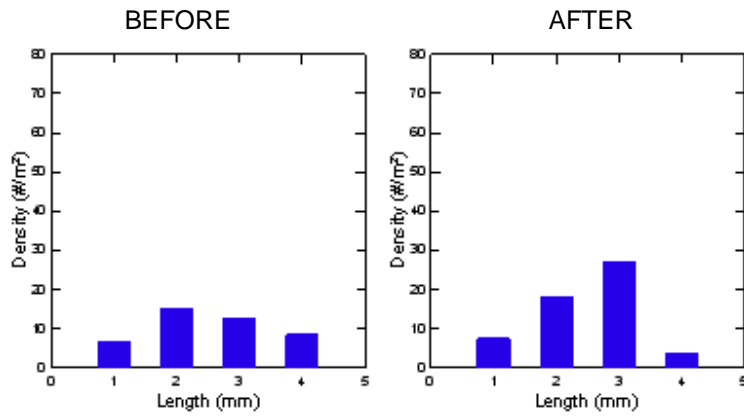
2007 UNF Length Distributions



P=0.82

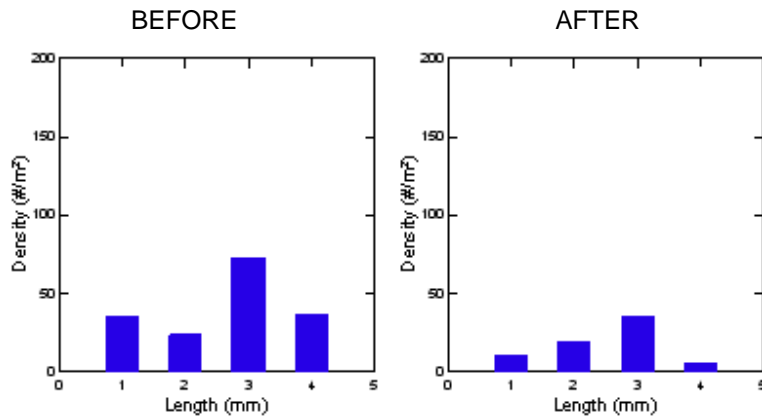
Figure 5.1-132. Comparison of Length Distribution for *Leucotrichia pictipes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



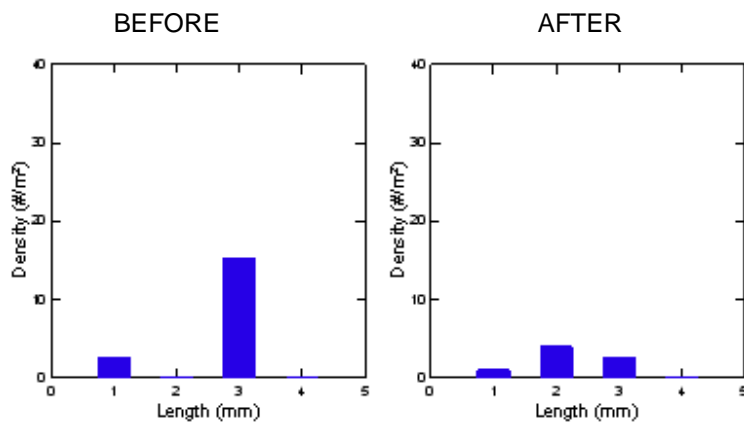
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2007 Cresta Length Distributions



P=0.95

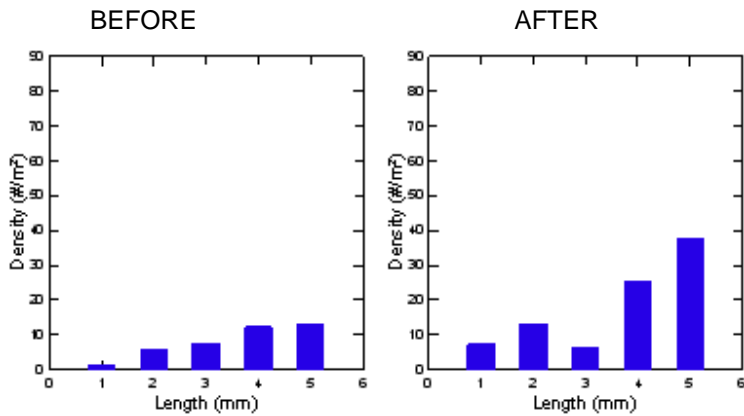
2007 UNF Length Distributions



P=1.00

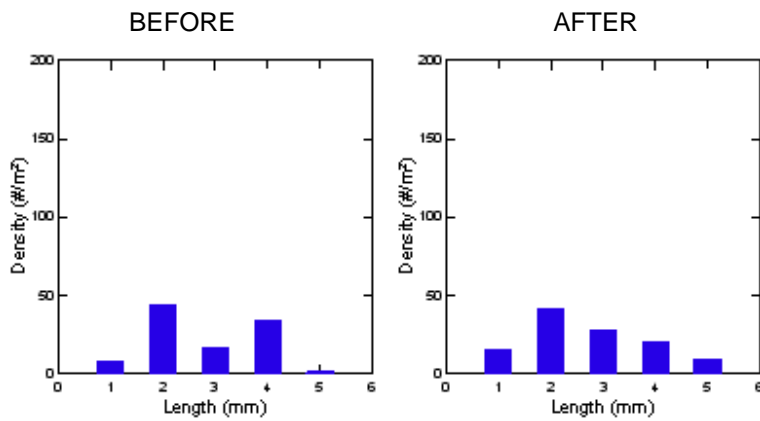
Figure 5.1-133. Comparison of Length Distribution for *Ochrotrichia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



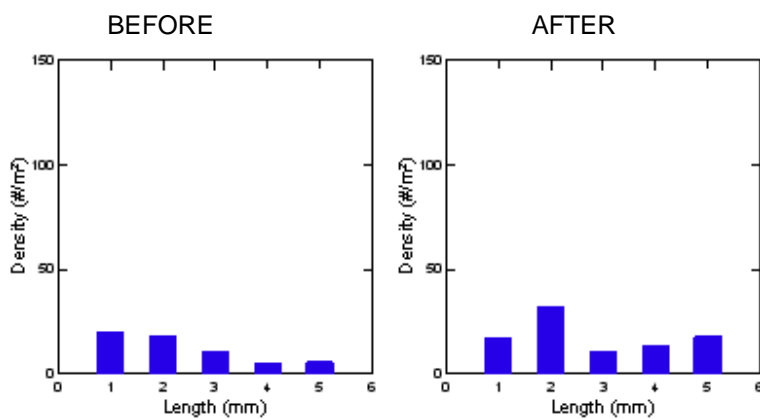
P=0.14

2007 Cresta Length Distributions



P=0.14

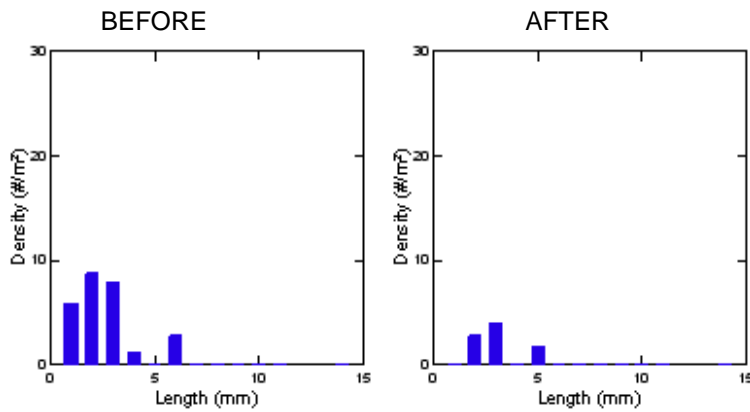
2007 UNF Length Distributions



P=0.08

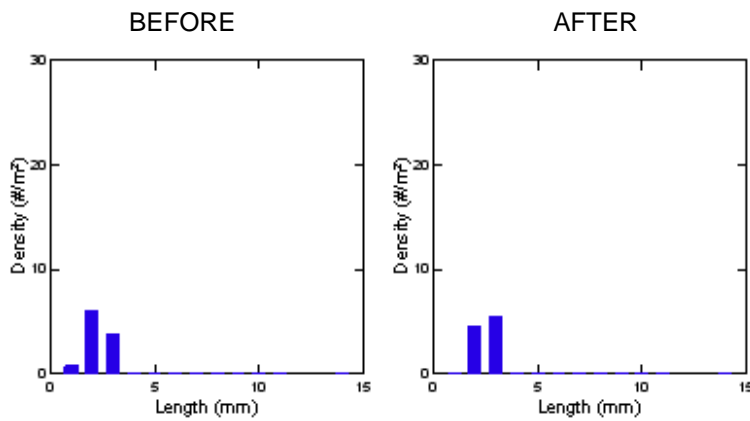
Figure 5.1-134. Comparison of Length Distribution for *Optioservus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



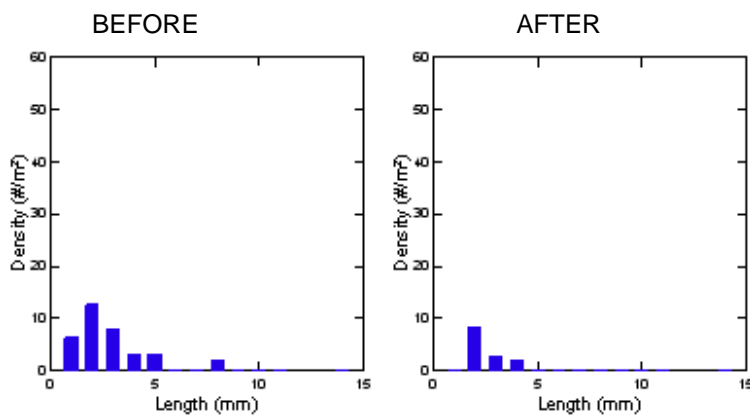
P=0.81

2007 Cresta Length Distributions



P=0.99

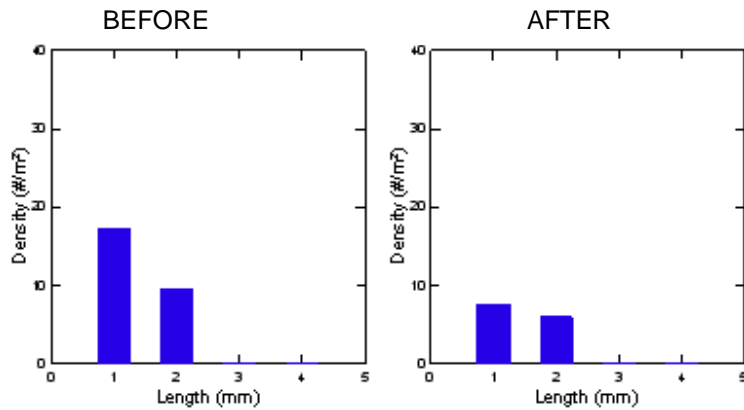
2007 UNF Length Distributions



P=1.00

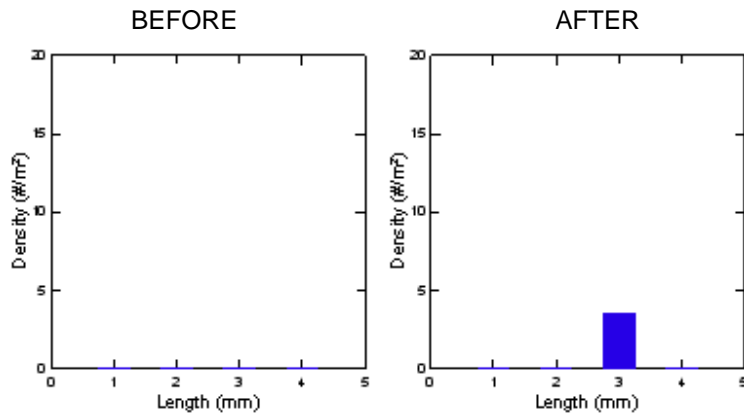
Figure 5.1-135. Comparison of Length Distribution for *Petrophila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



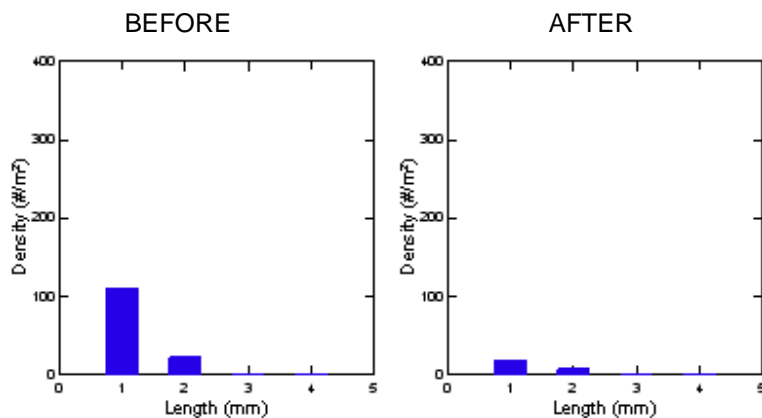
P=0.75

2007 Cresta Length Distributions



P=NA

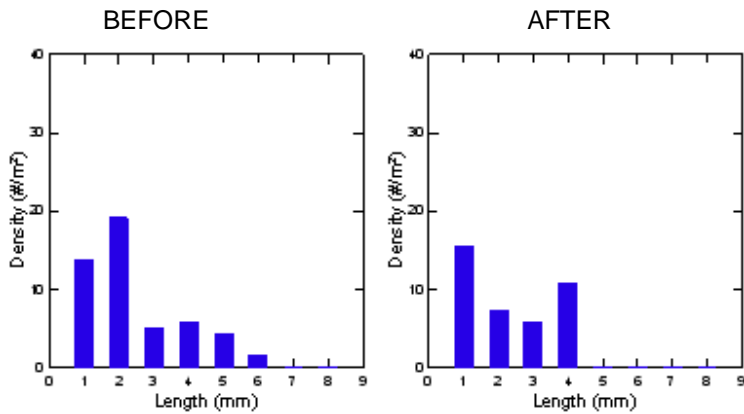
2007 UNF Length Distributions



P=0.89

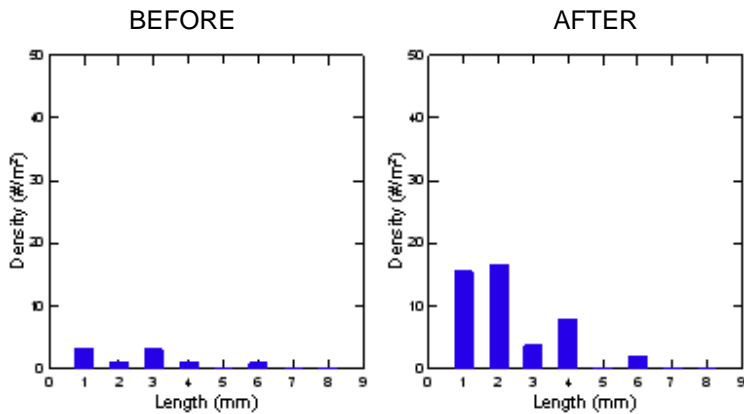
Figure 5.1-136. Comparison of Length Distribution for *Protophila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



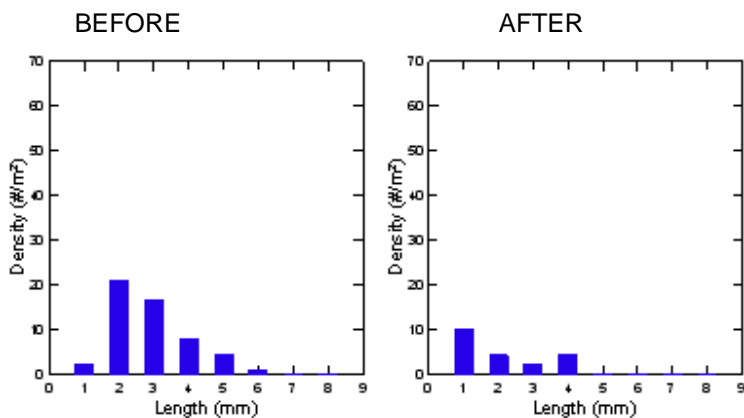
P=0.70

2007 Cresta Length Distributions



P=0.88

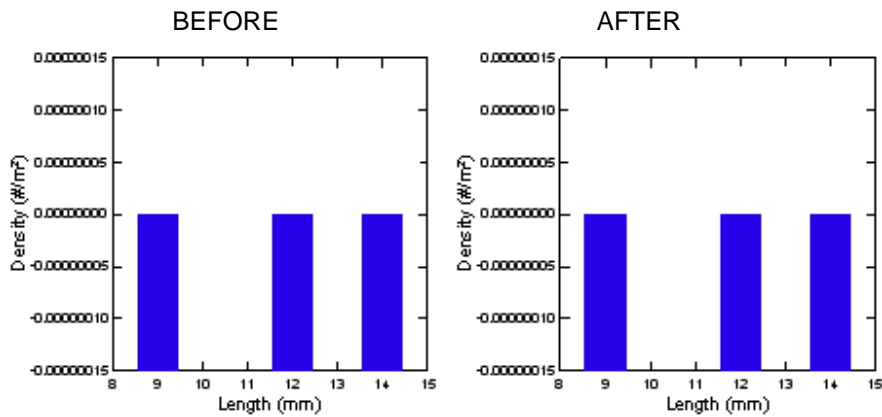
2007 UNF Length Distributions



P=1.00

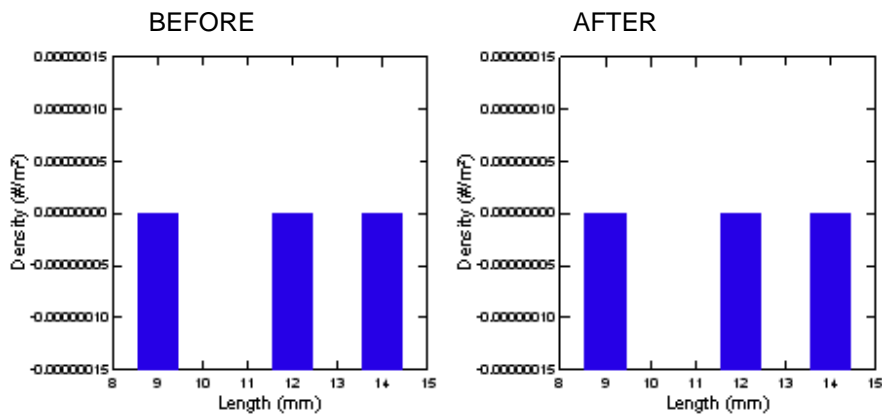
Figure 5.1-137. Comparison of Length Distribution for *Psychomyia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



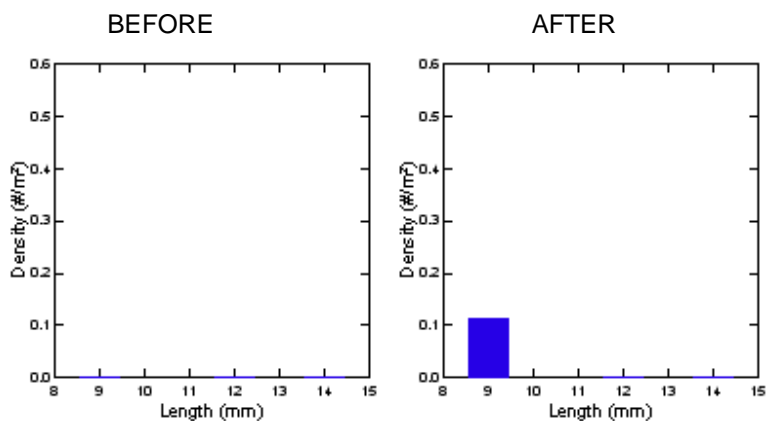
P=NA

2007 Cresta Length Distributions



P=1.00

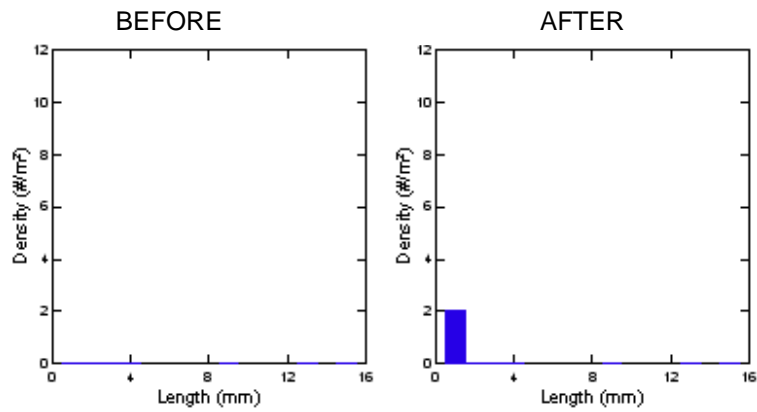
2007 UNF Length Distributions



P=0.001

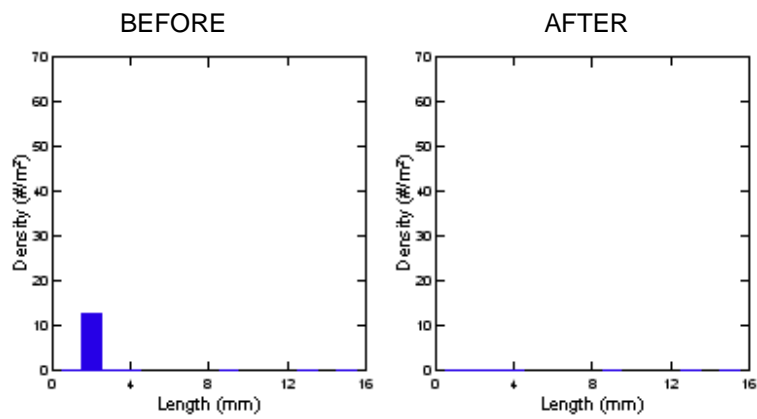
Figure 5.1-138. Comparison of Length Distribution for *Rhyacophila angelita* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



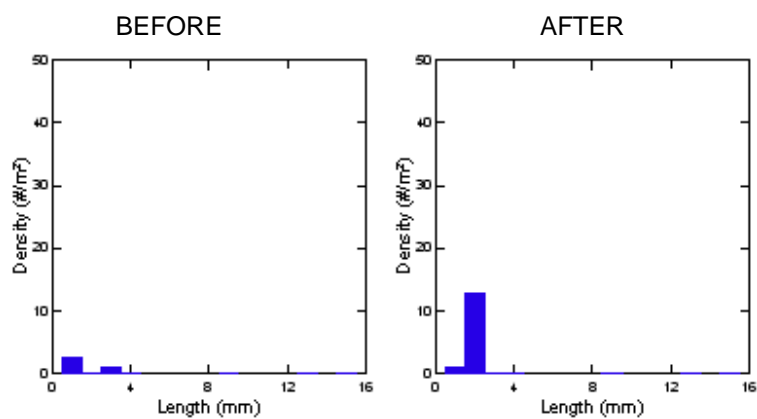
P=0.001

2007 Cresta Length Distributions



P=0.001

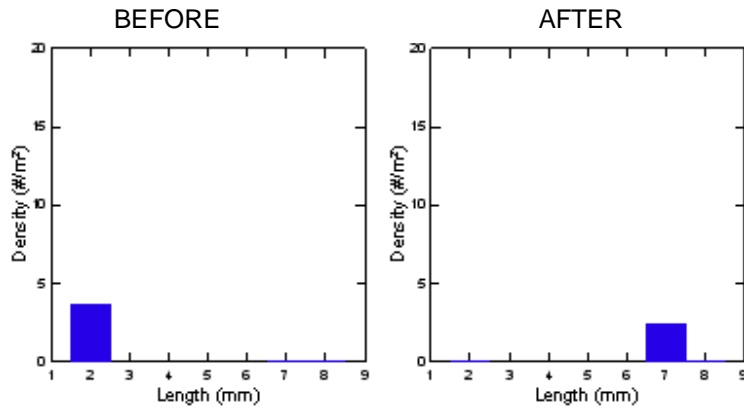
2007 UNF Length Distributions



P=0.72

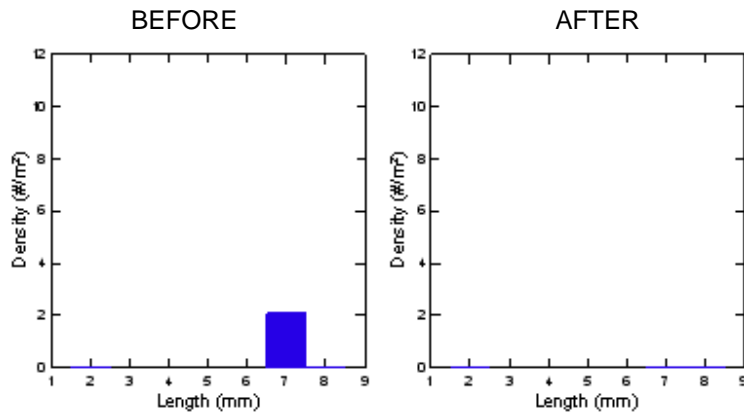
Figure 5.1-139. Comparison of Length Distribution for *Rhyacophila coloradensis* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



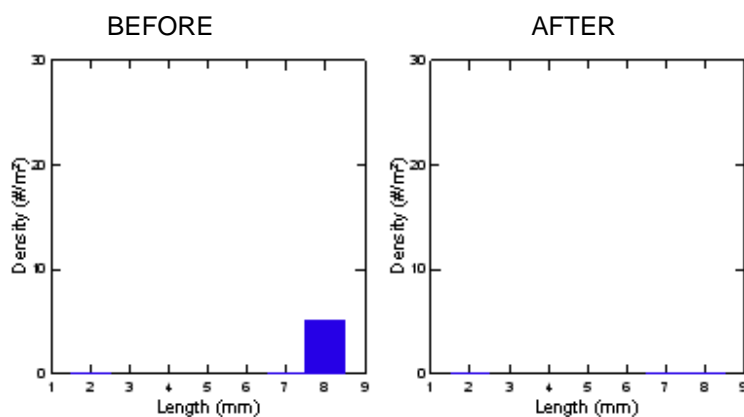
P=1.00

2007 Cresta Length Distributions



P=0.001

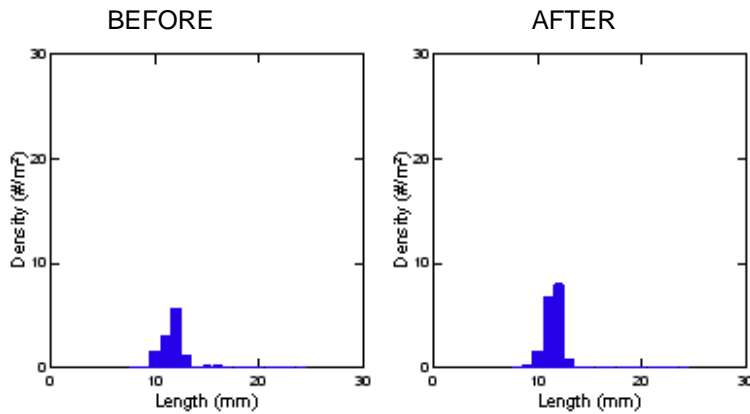
2007 UNF Length Distributions



P=1.00

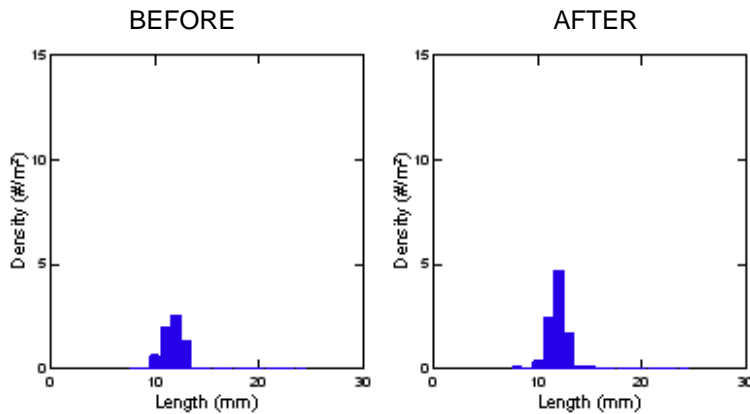
Figure 5.1-140. Comparison of Length Distribution for *Rhyacophila hyalinta* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



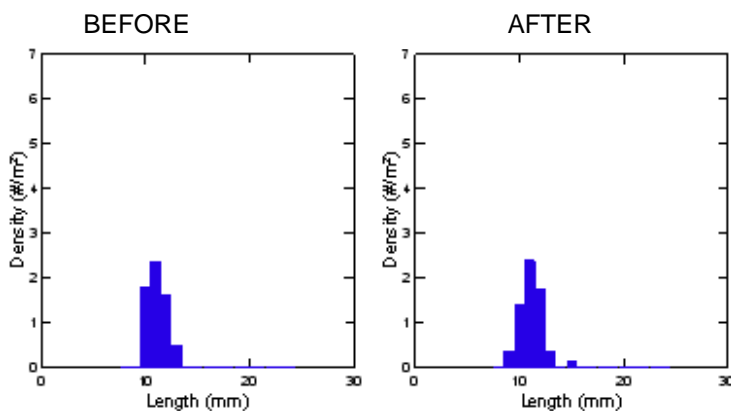
P=1.00

2007 Cresta Length Distributions



P=1.00

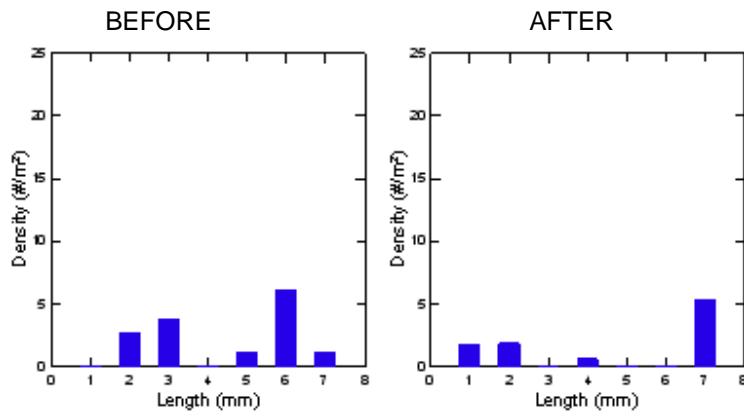
2007 UNF Length Distributions



P=0.71

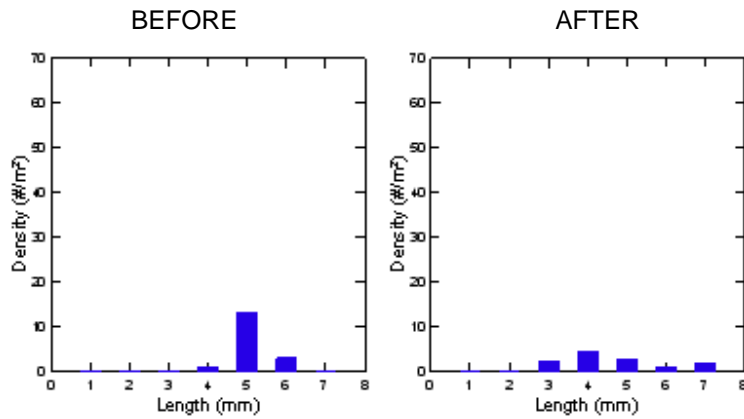
Figure 5.1-141. Comparison of Length Distribution for *Rhyacophila malkini* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



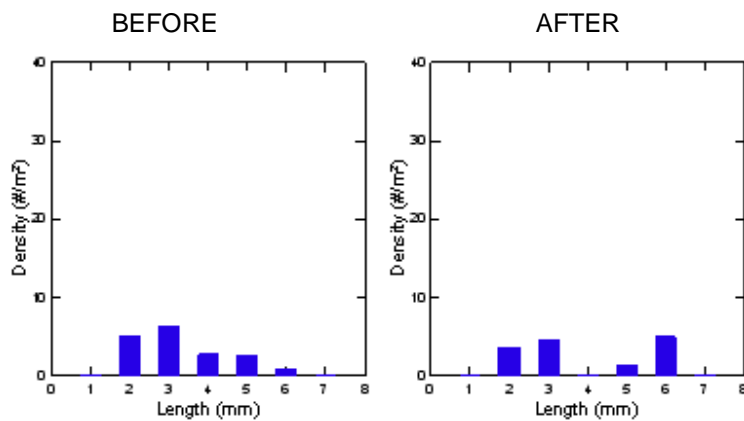
P=0.83

2007 Cresta Length Distributions



P=0.18

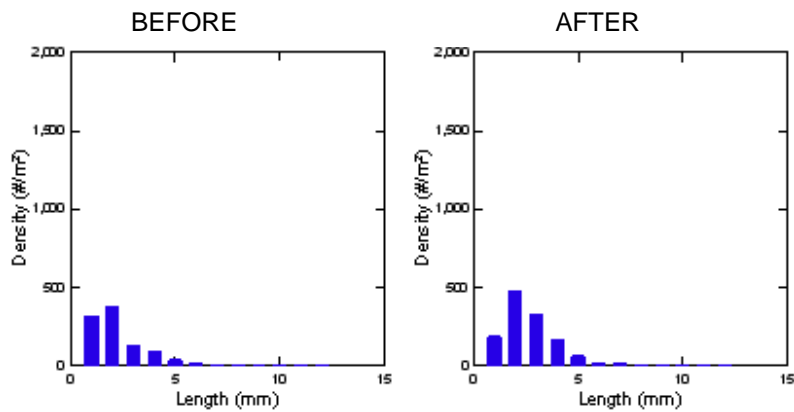
2007 UNF Length Distributions



P=0.67

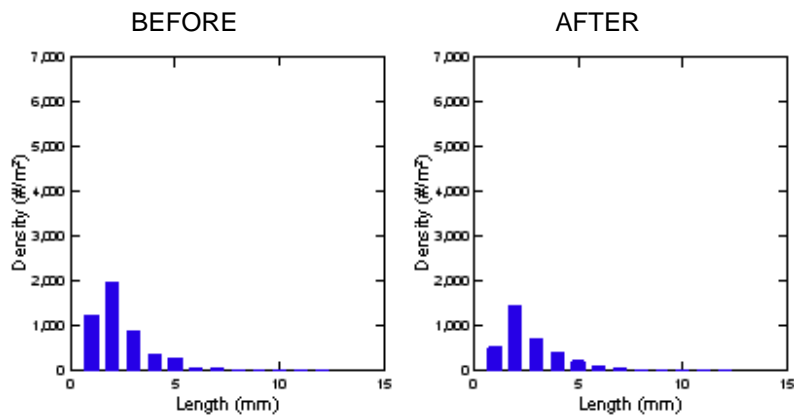
Figure 5.1-142. Comparison of Length Distribution for *Serratella micheneri* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



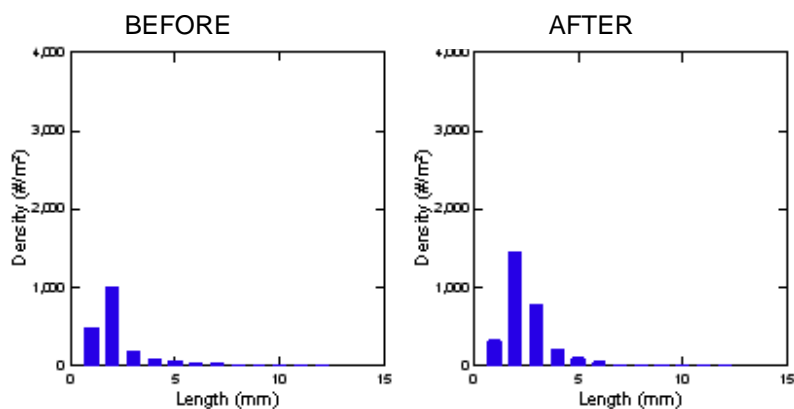
P=0.99

2007 Cresta Length Distributions



P=0.18

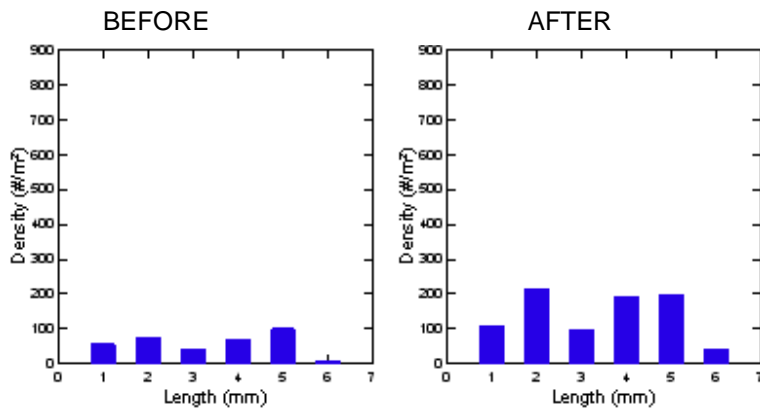
2007 UNF Length Distributions



P=0.06

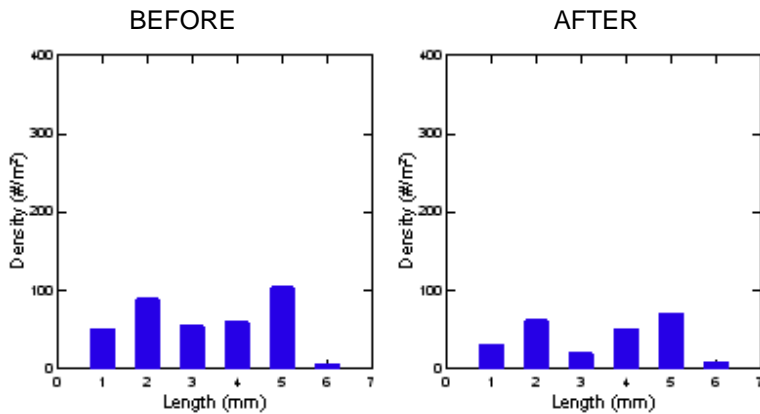
Figure 5.1-143. Comparison of Length Distribution for *Simulium* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.

2007 Rock Creek Length Distributions



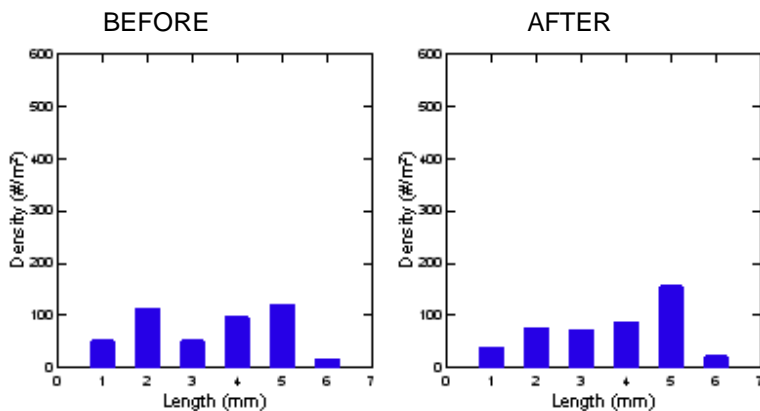
P=0.11

2007 Cresta Length Distributions



P=0.74

2007 UNF Length Distributions



P=0.01

Figure 5.1-144. Comparison of Length Distribution for *Zaitzevia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2007.