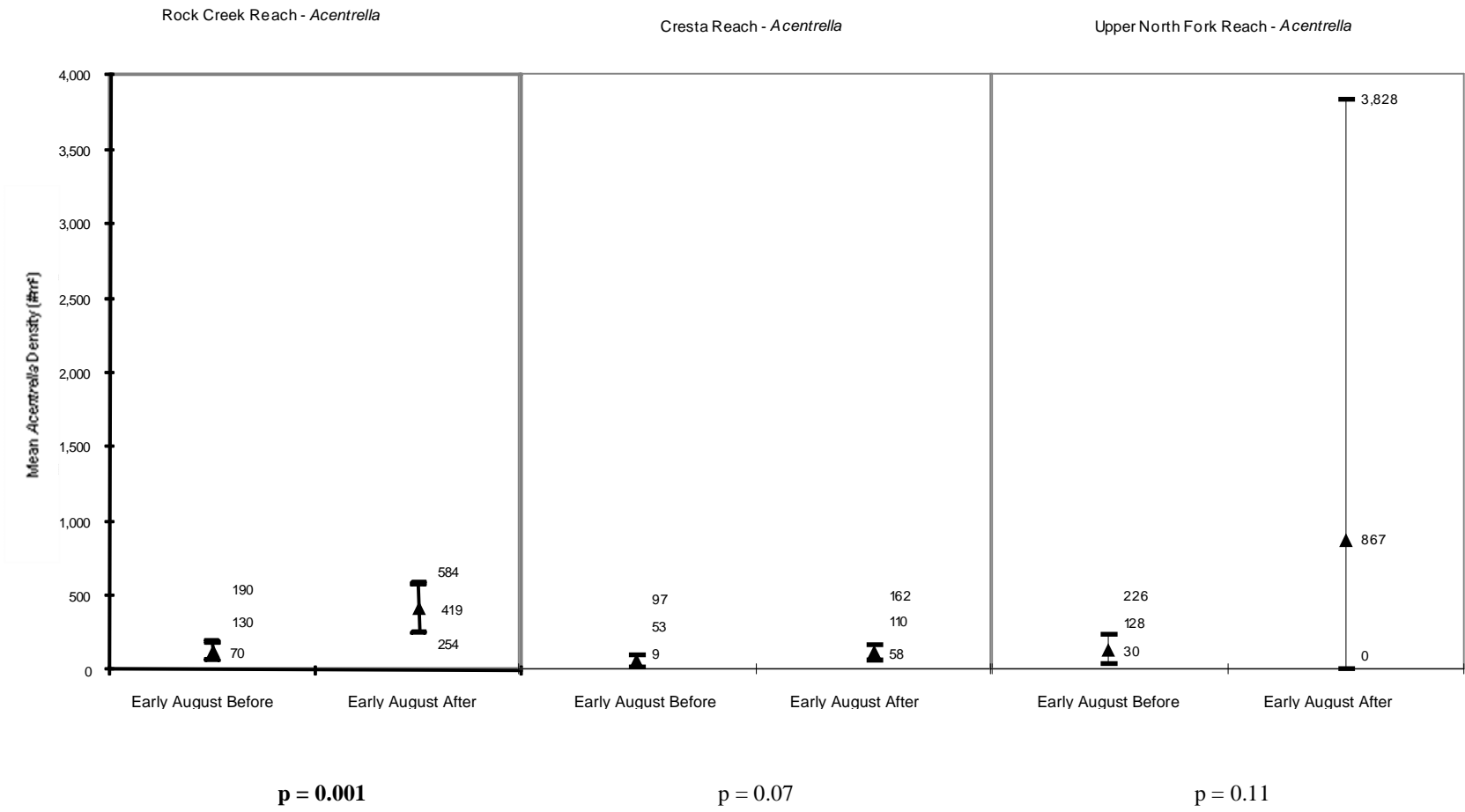
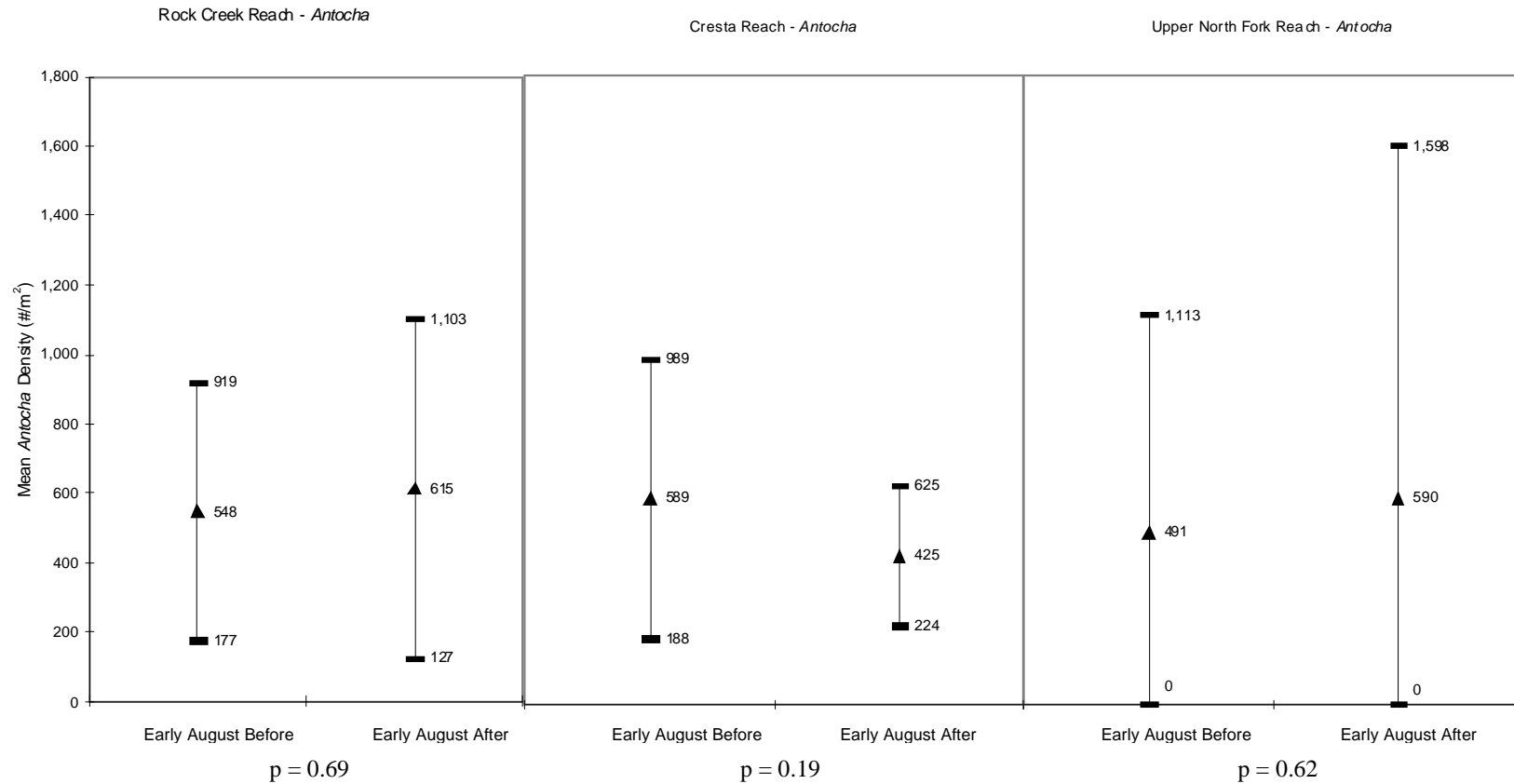


Figure 5.2-1. Mean Daily Temperature in the Rock Creek and Cresta Reaches of the North Fork Feather River, 2008.



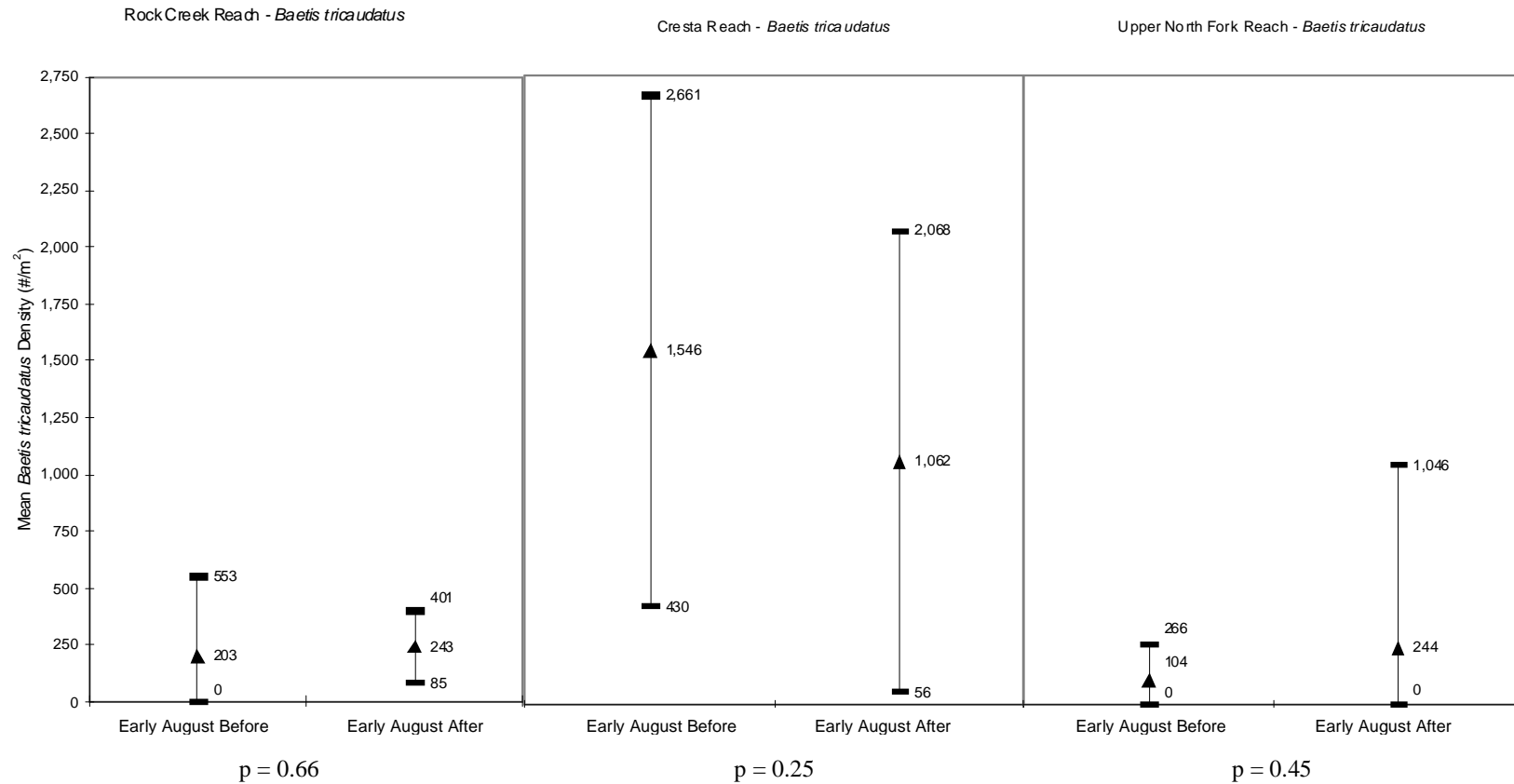
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-2. 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, Two Way-ANOVA, Early August 2008.



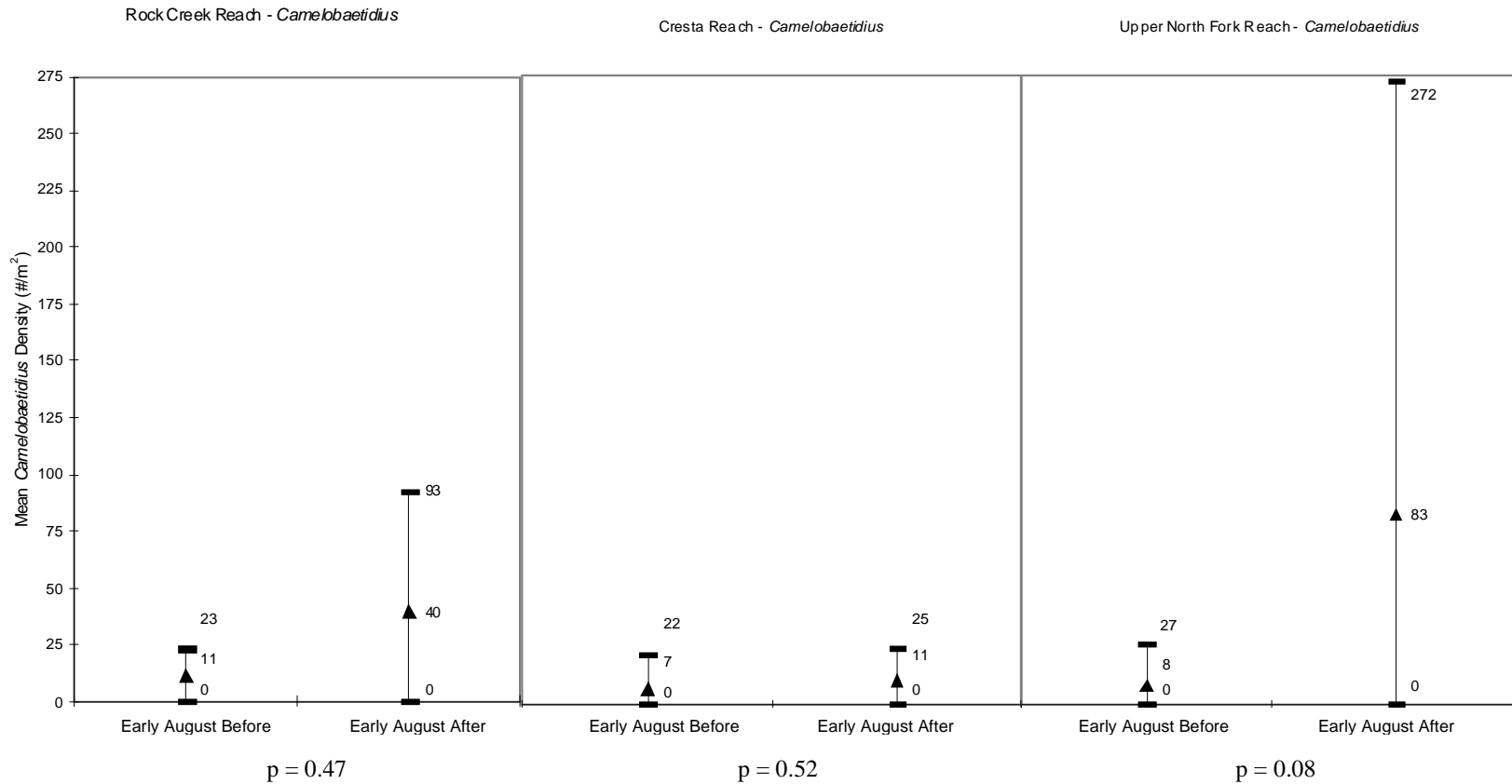
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-3. 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, Two Way-ANOVA, Early August 2008.



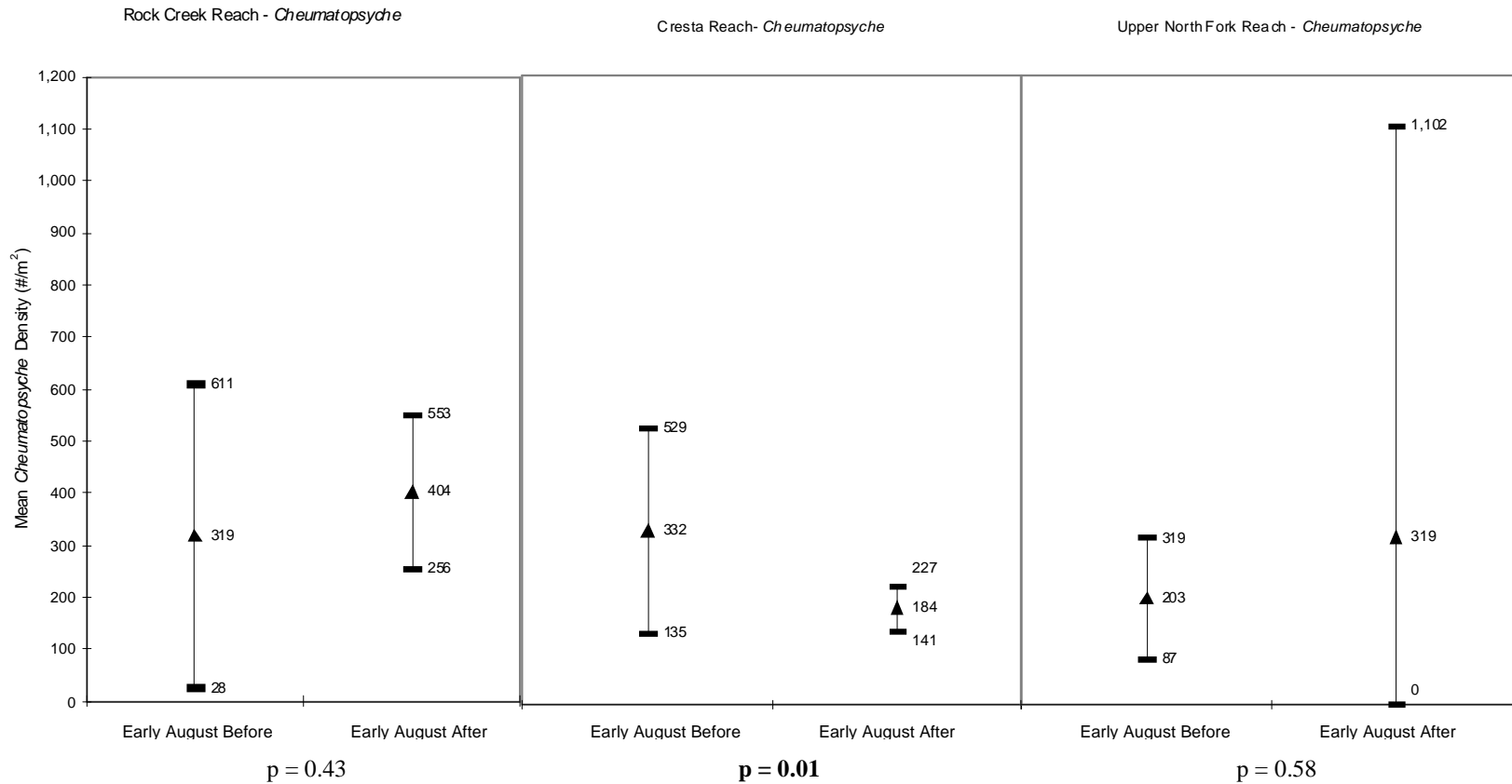
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-4. 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, Two Way-ANOVA, Early August 2008.



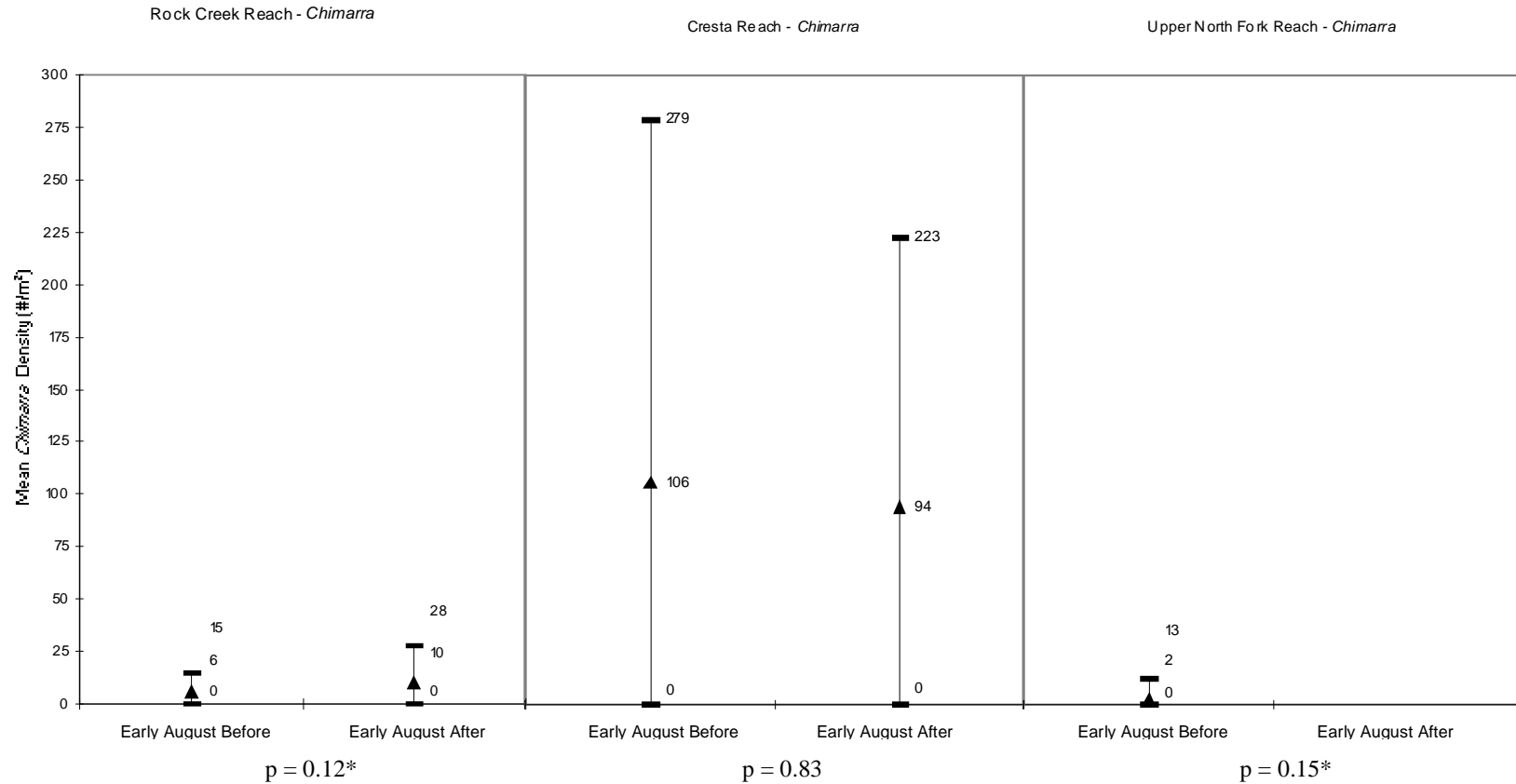
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-5. Mean Density for *Camelobaetidium* 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, Two Way-ANOVA, Early August 2008.



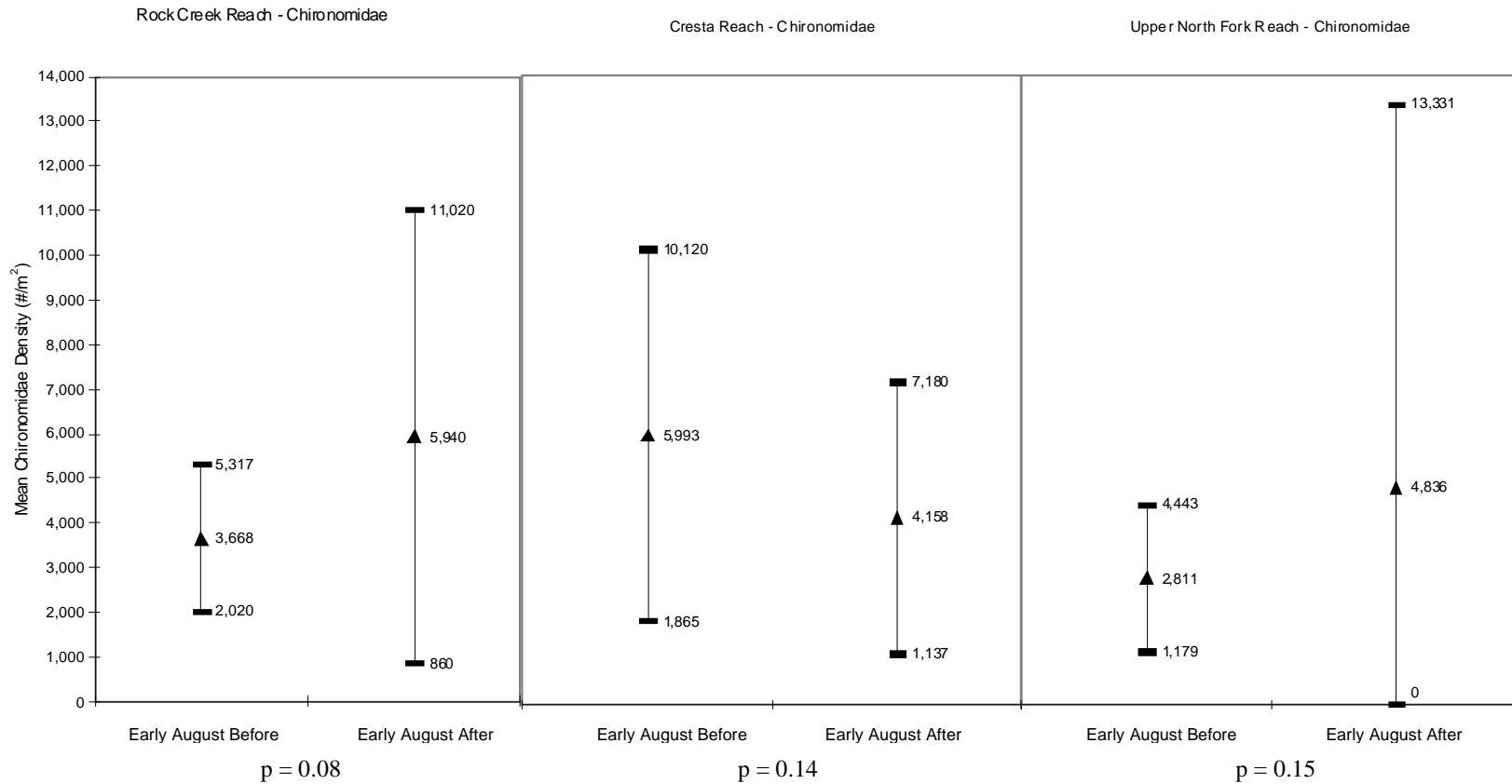
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-6. 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, Two Way-ANOVA, Early August 2008.



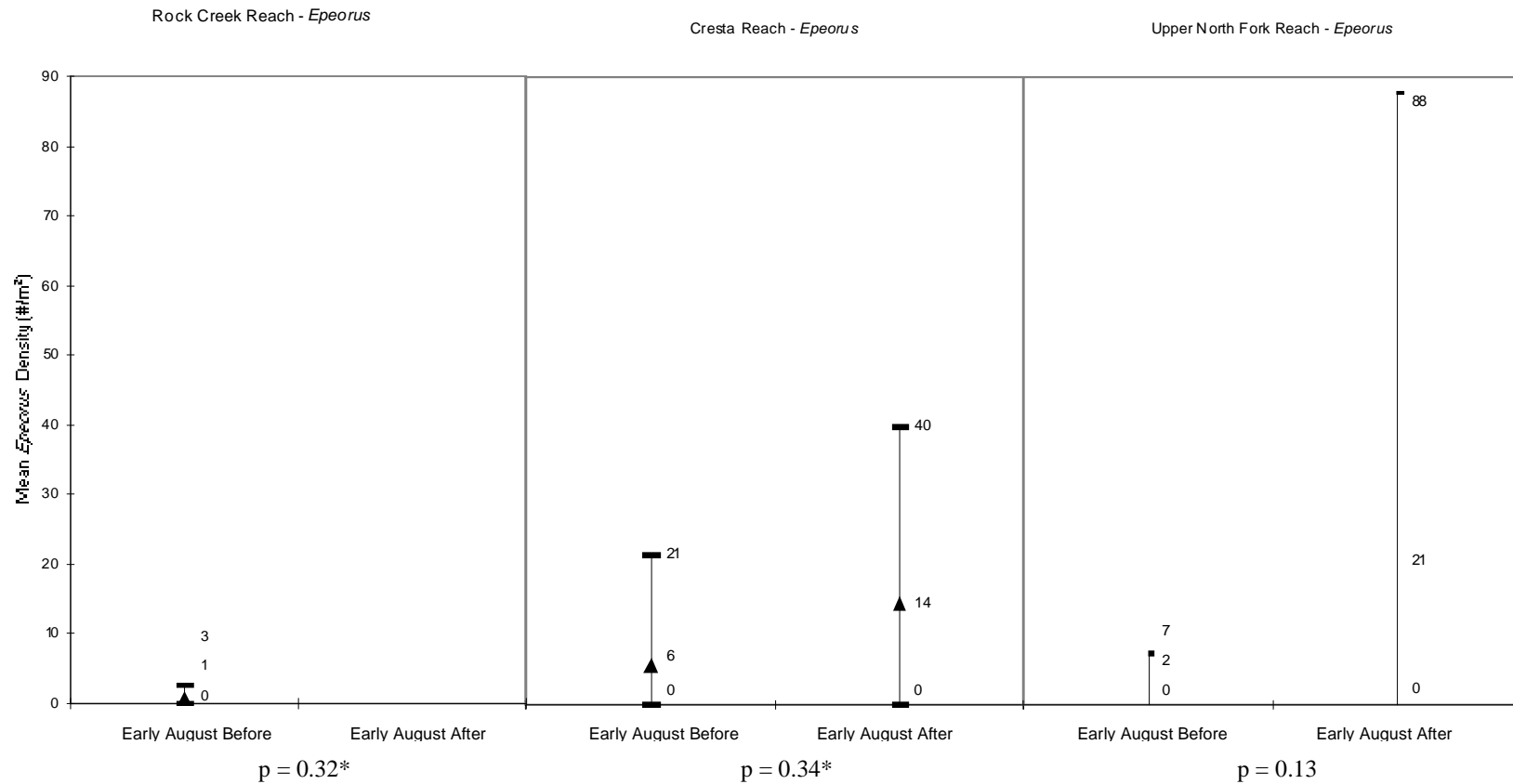
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-7. 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



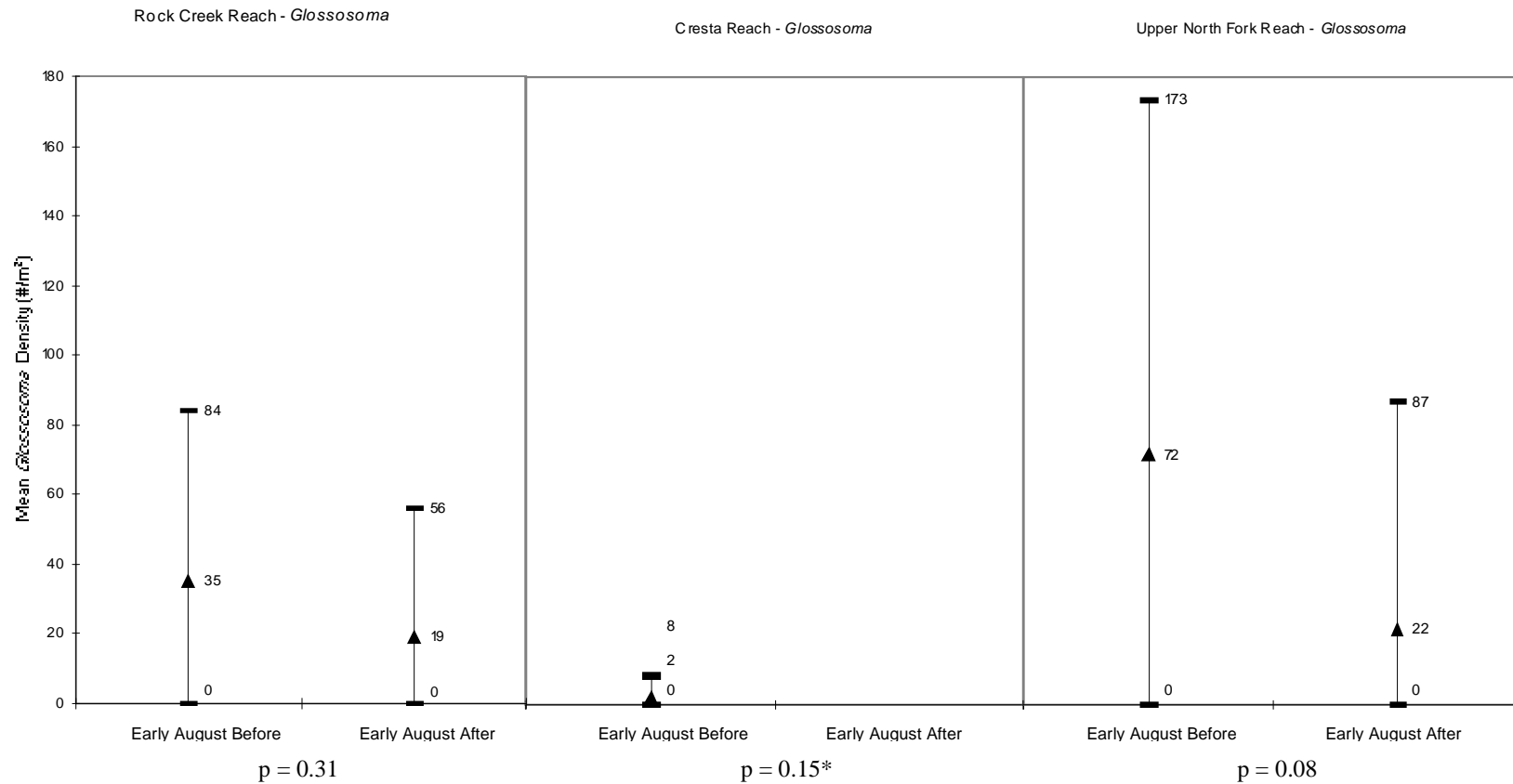
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-8. 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, Two Way-ANOVA, Early August 2008.



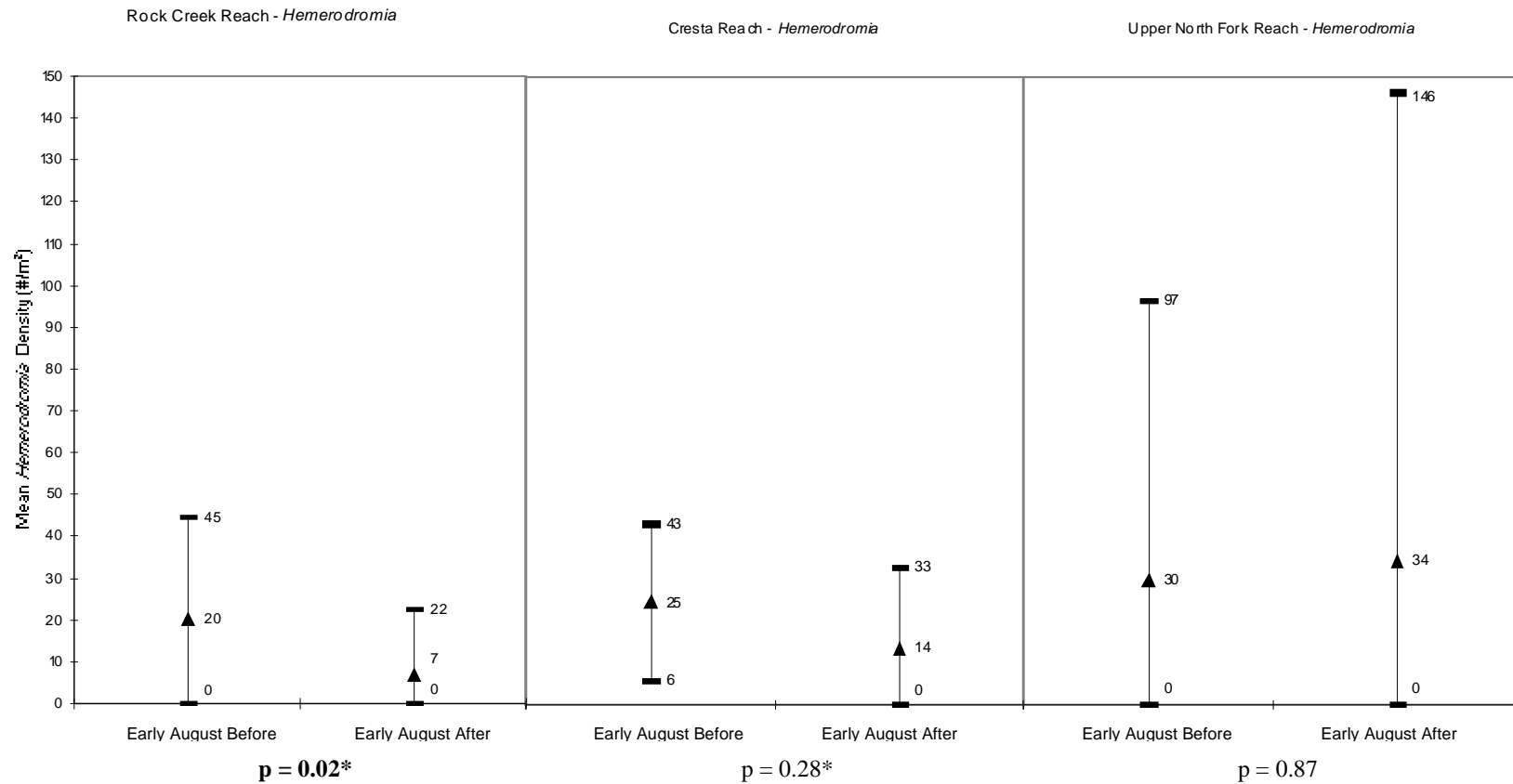
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-9. 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



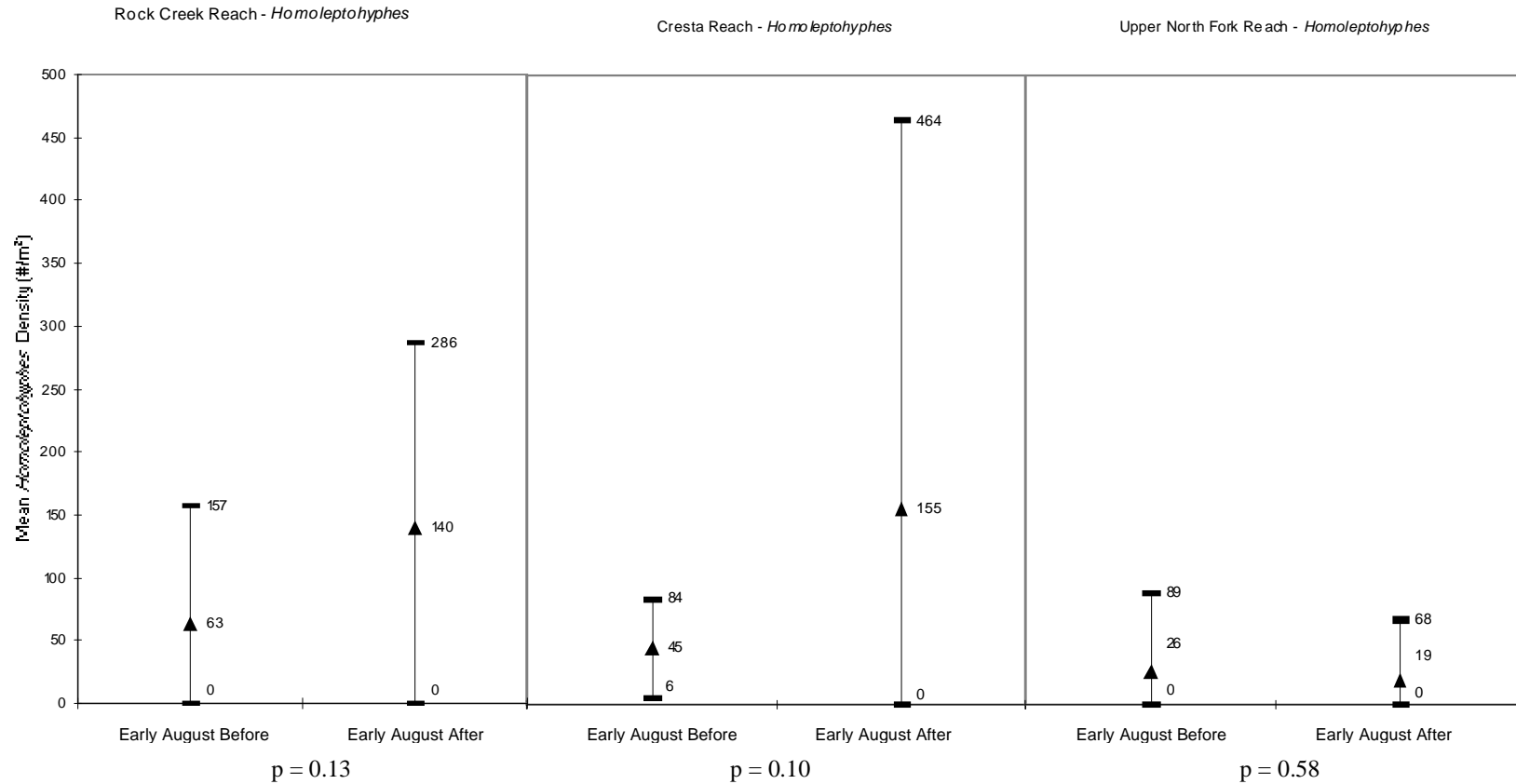
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-10. 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



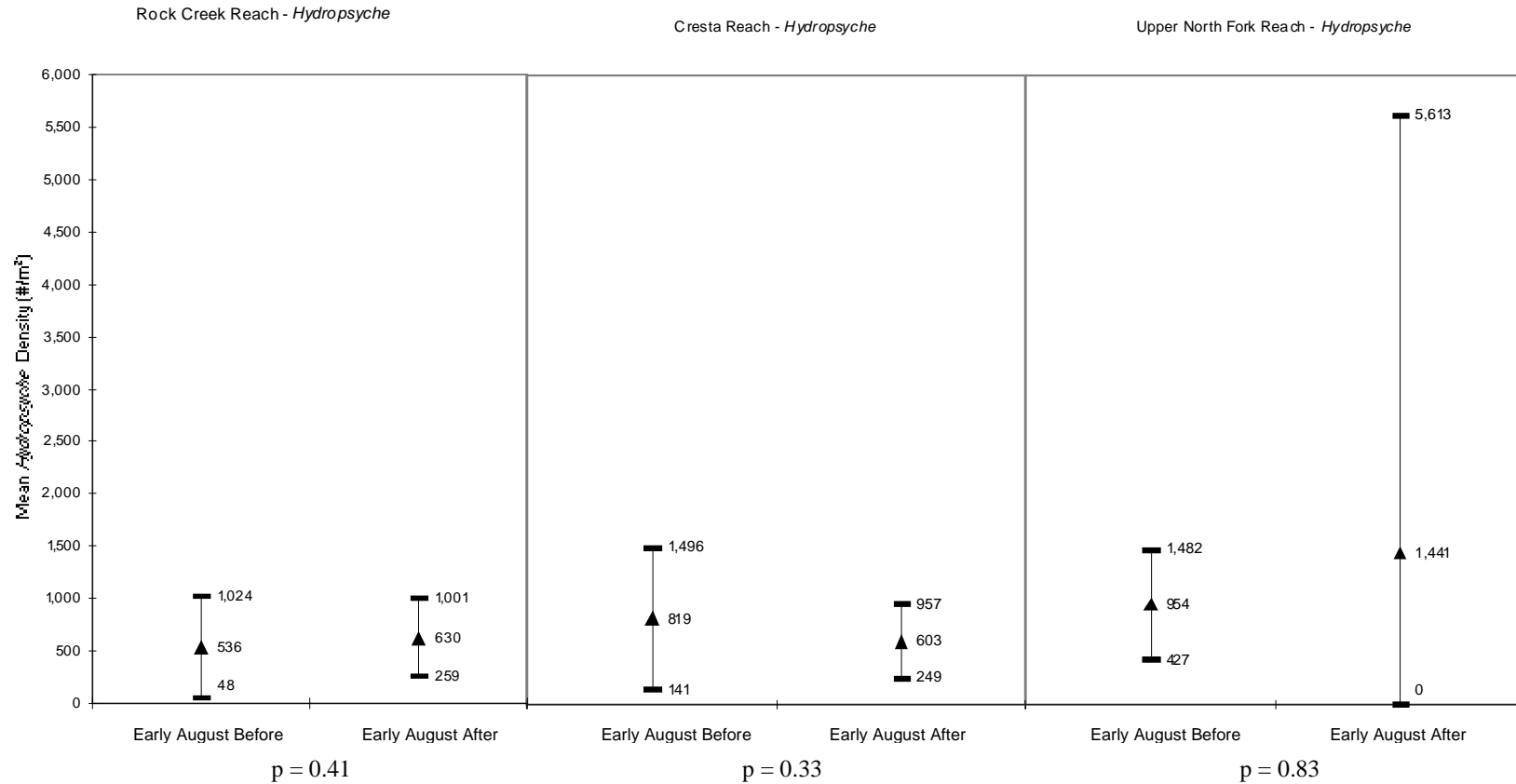
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-11. 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



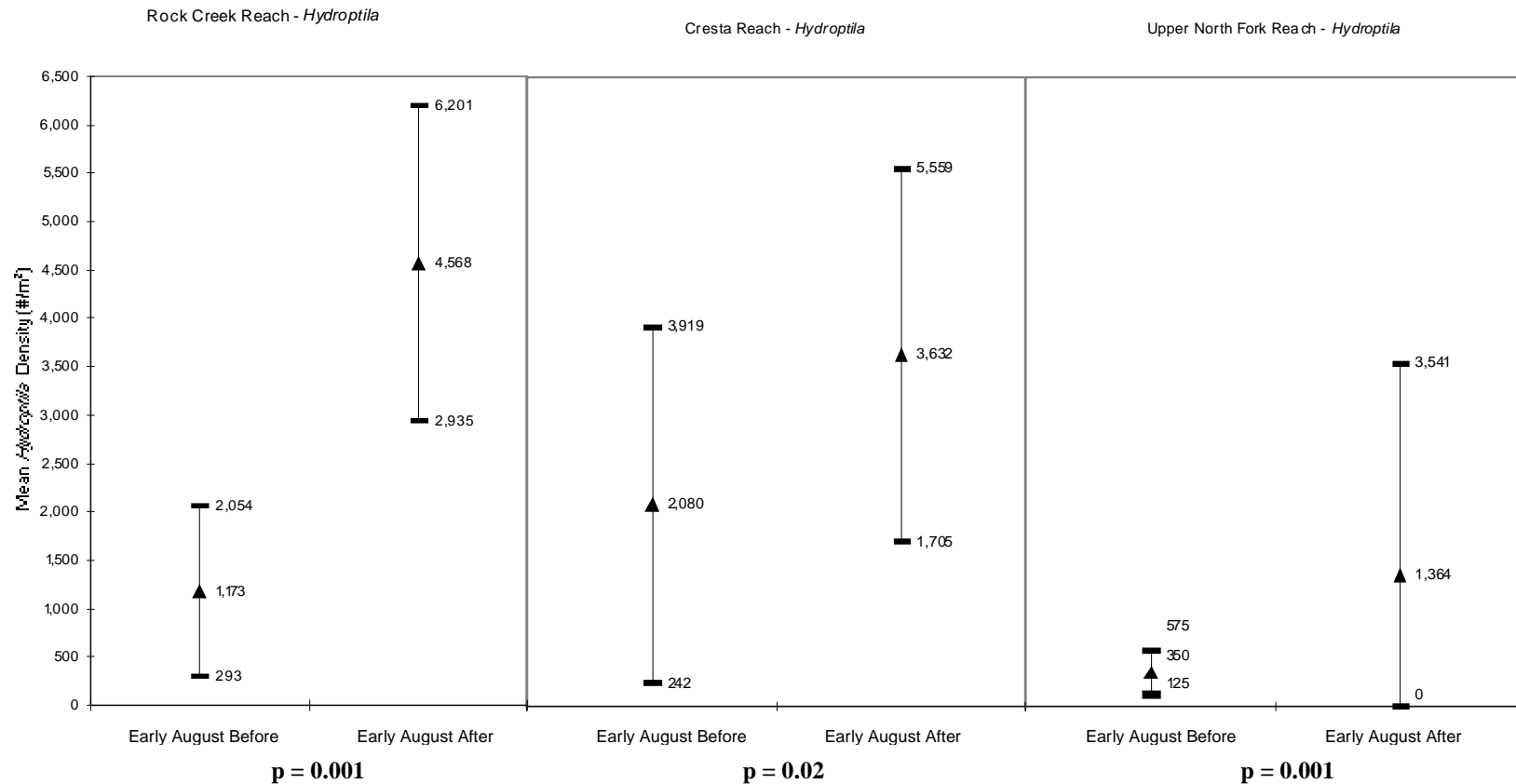
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-12. 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, Two Way-ANOVA, Early August 2008.



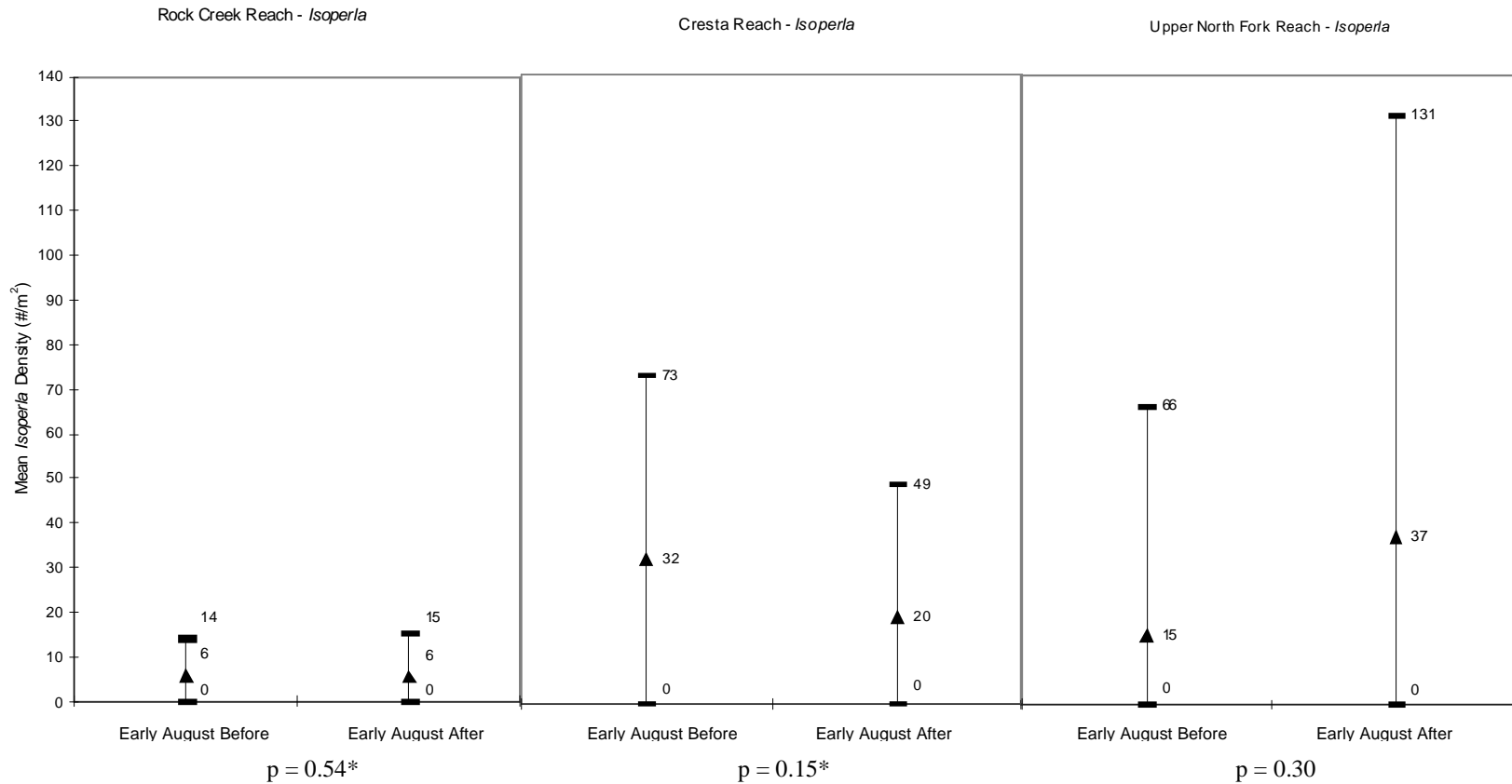
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-13. 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, Two Way-ANOVA, Early August 2008.



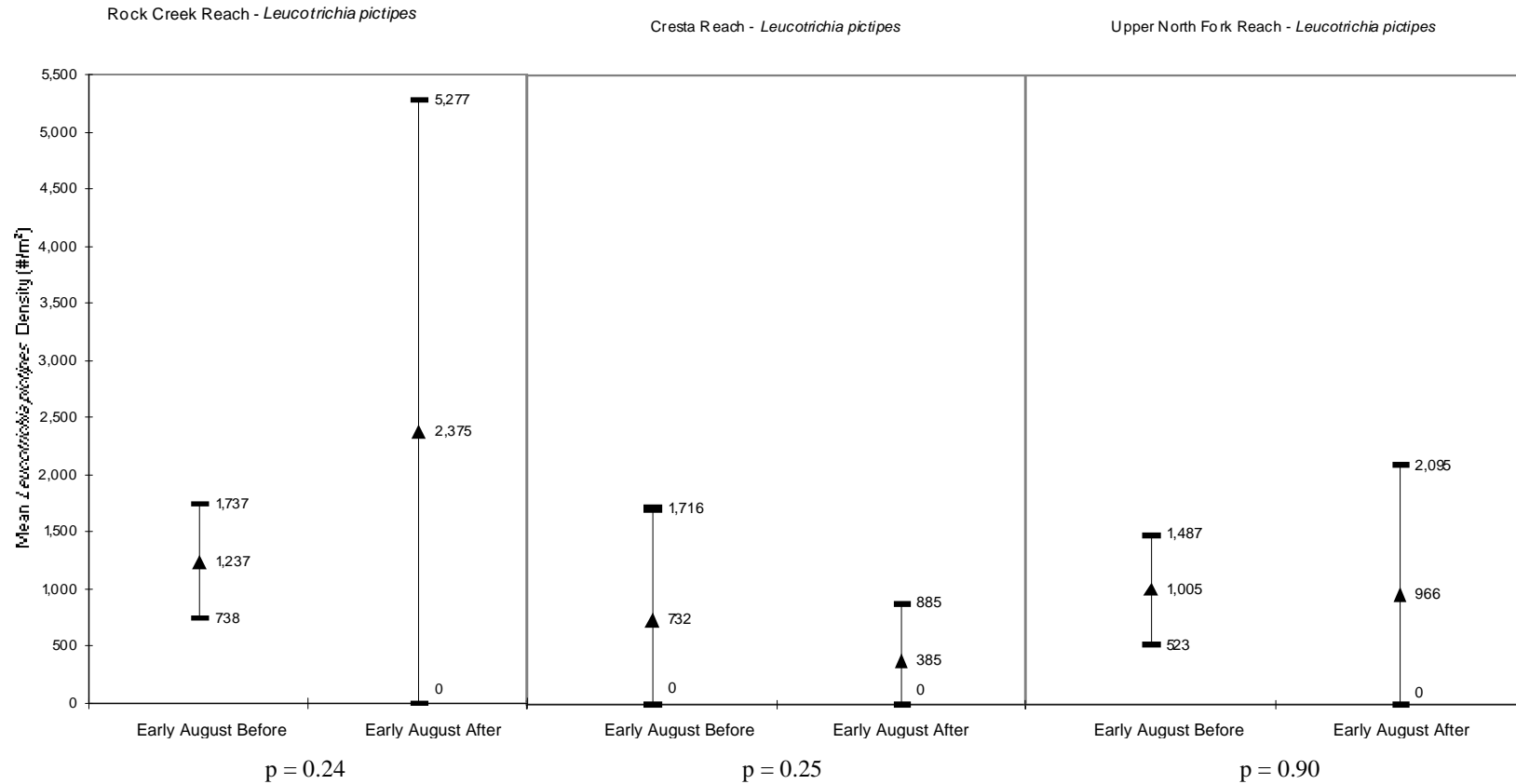
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-14. Mean Density for *Hydroptila* 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, Two Way-ANOVA, Early August 2008.



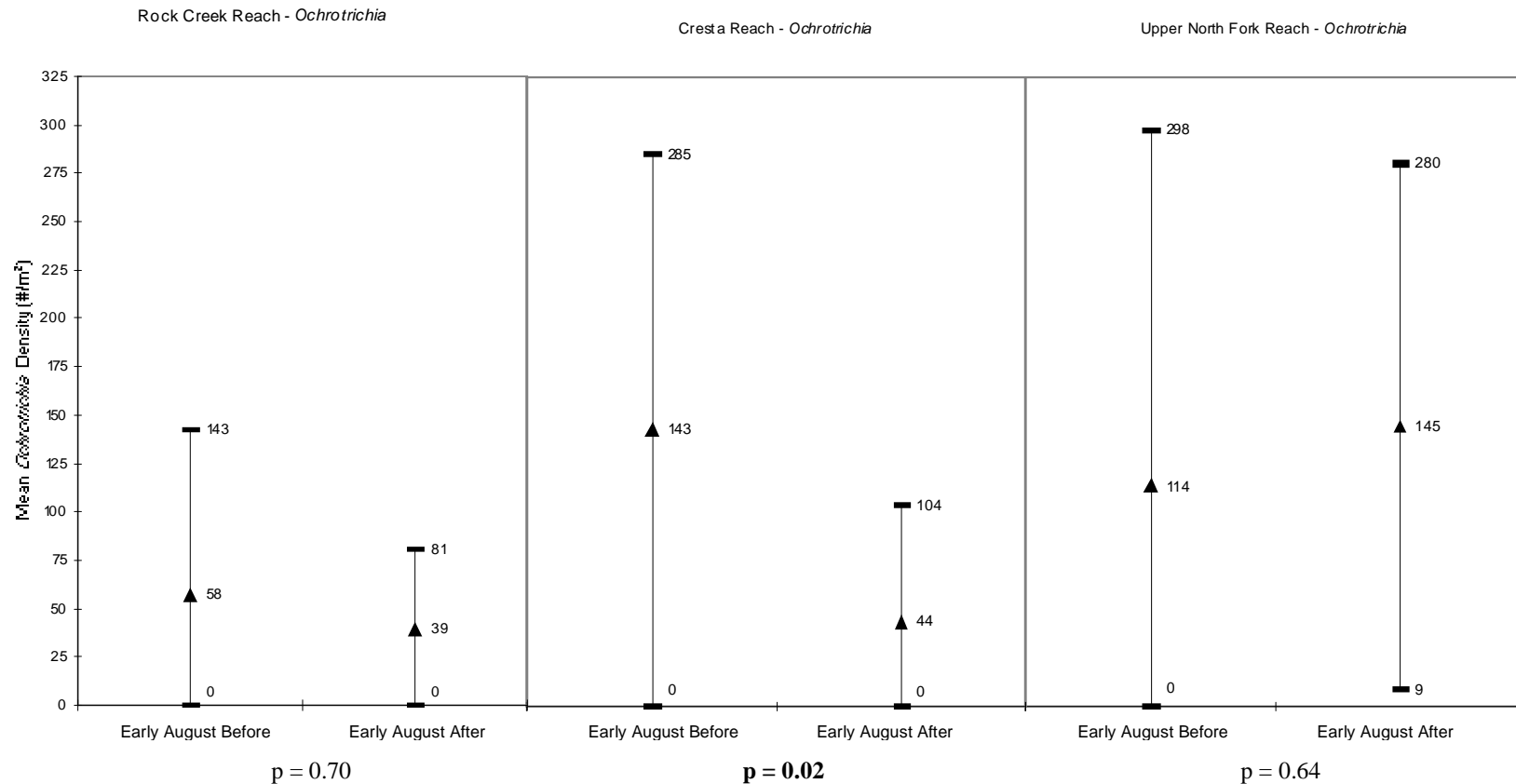
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-15. 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



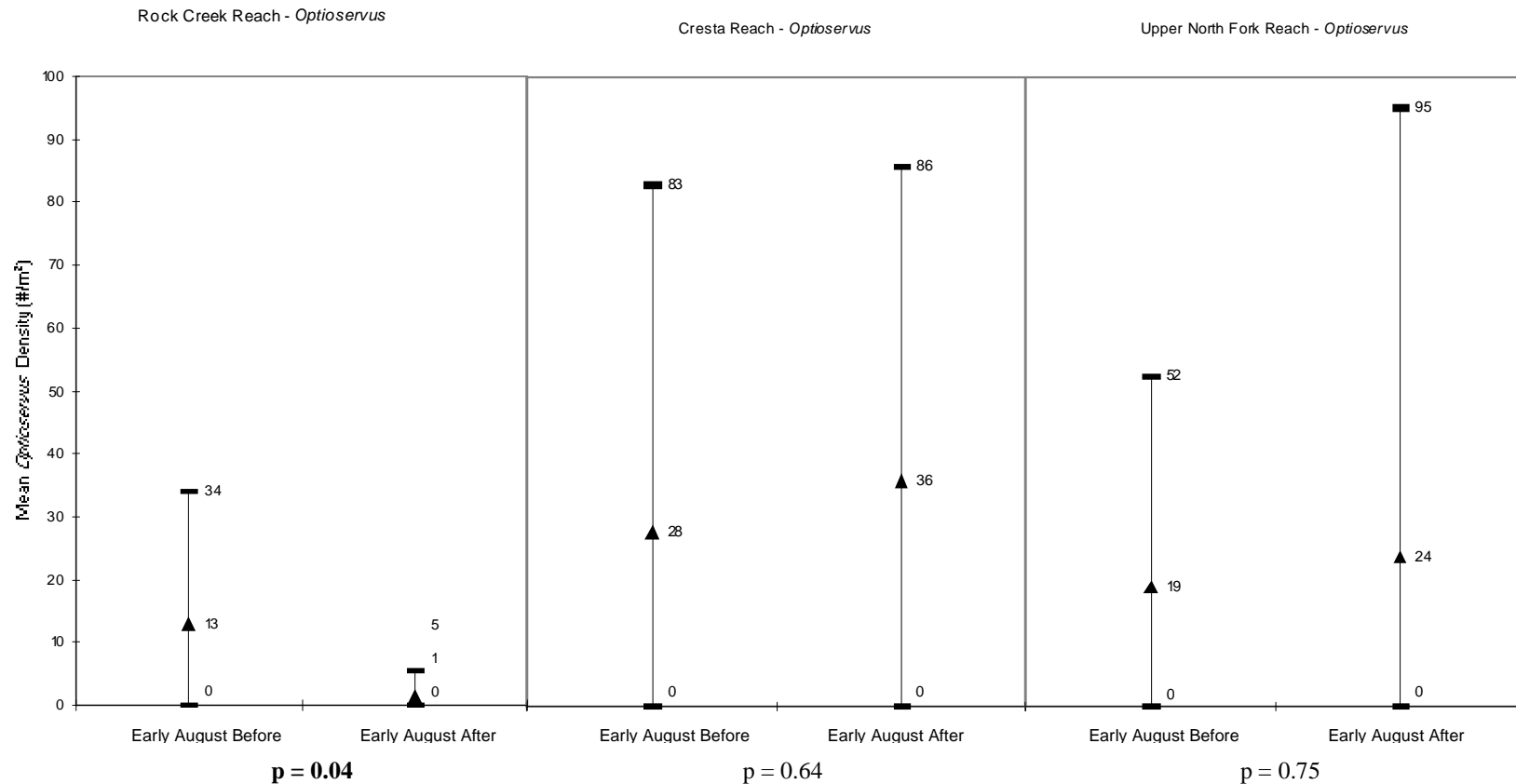
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-16. 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, Two Way-ANOVA, Early August 2008.



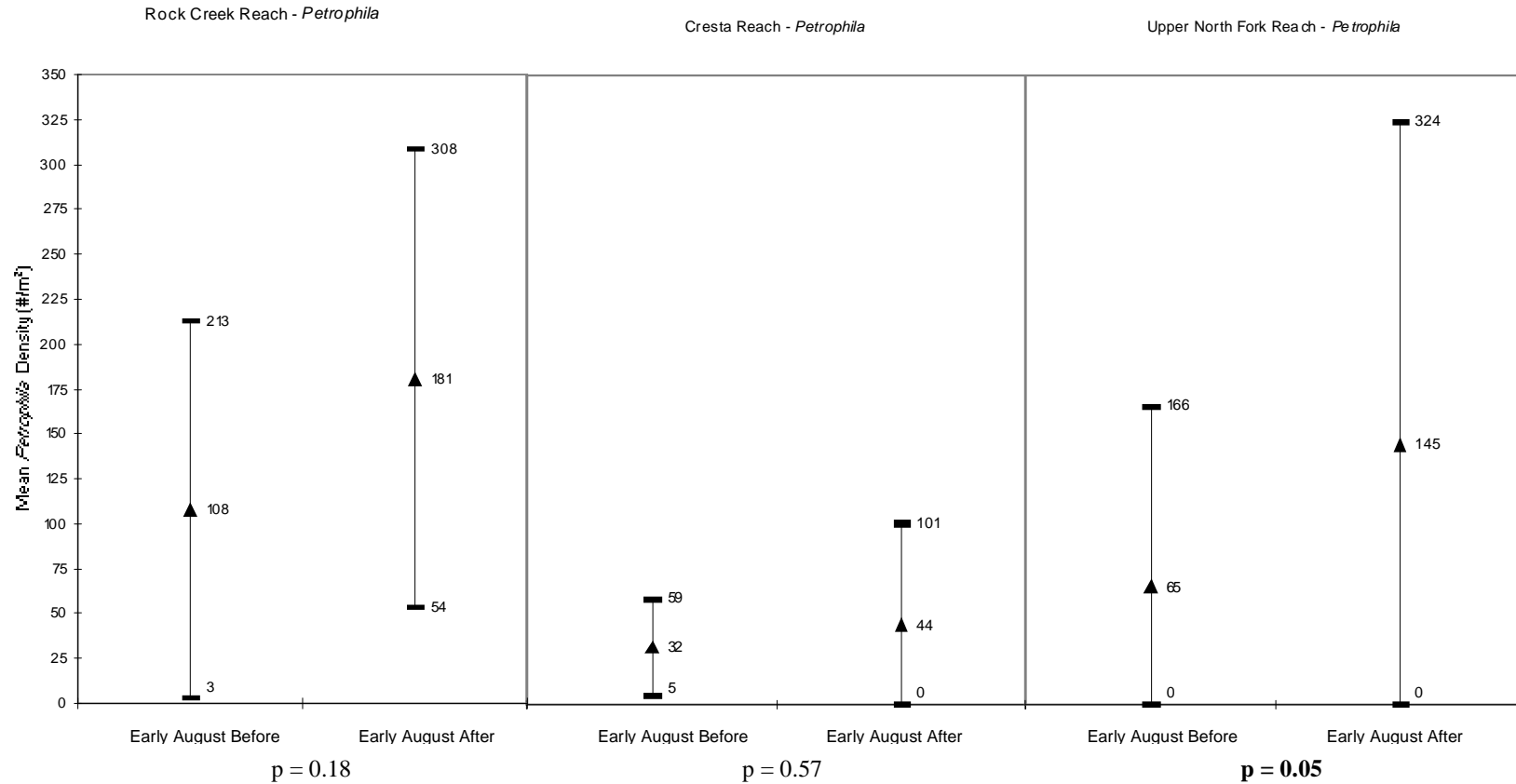
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-17. 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, Two Way-ANOVA, Early August 2008.



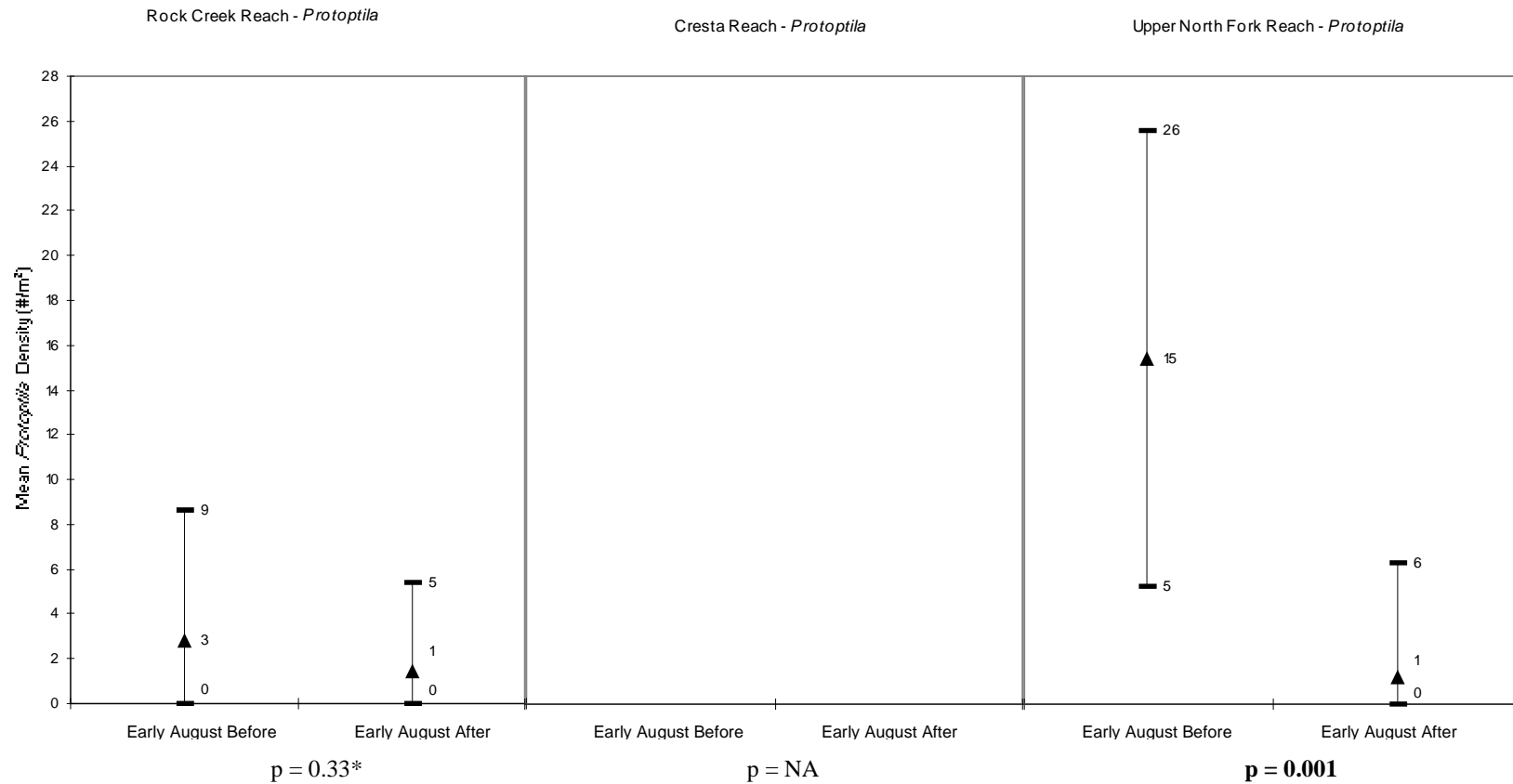
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-18. 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, Two Way-ANOVA, Early August 2008.



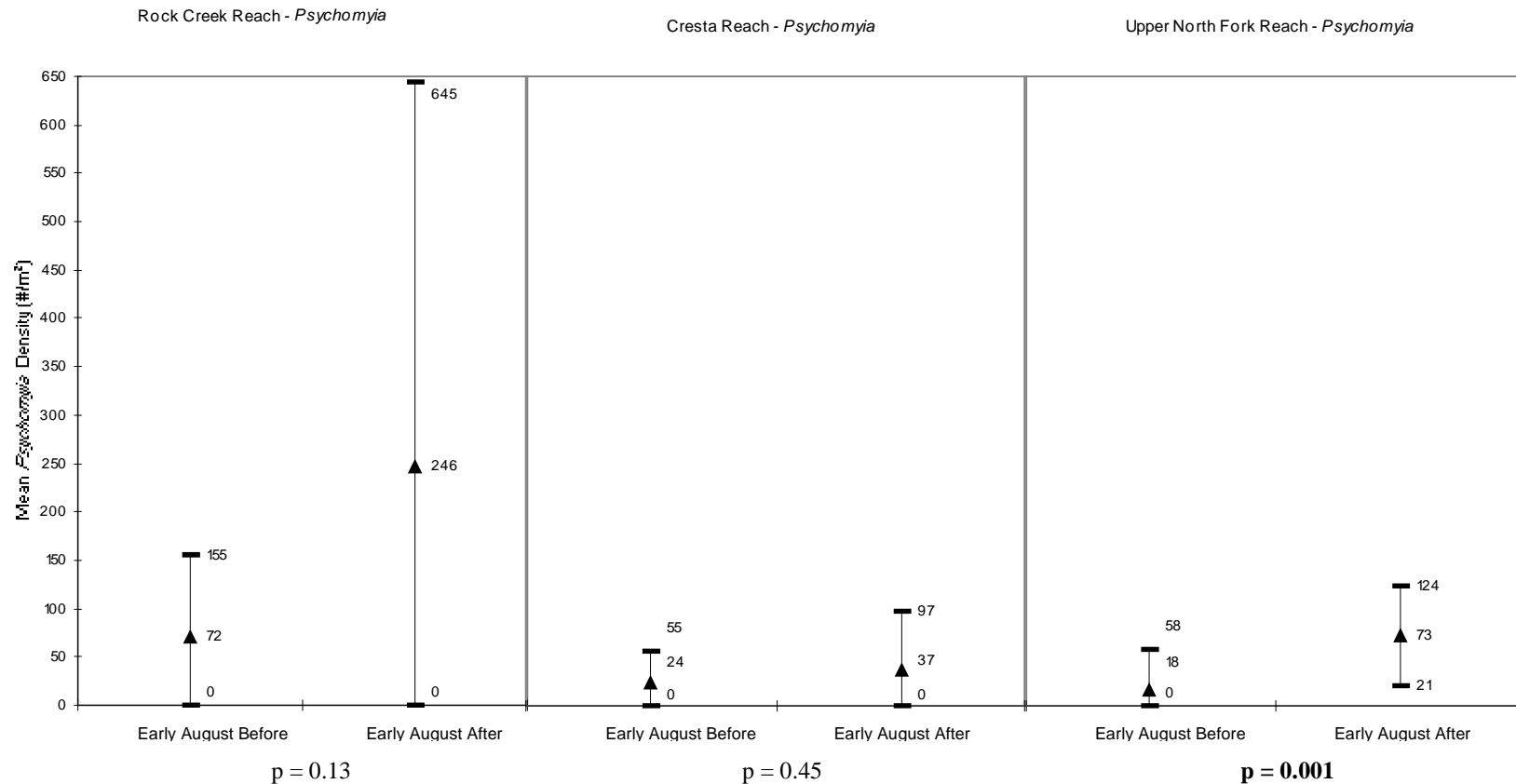
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-19. 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, Two Way-ANOVA, Early August 2008.



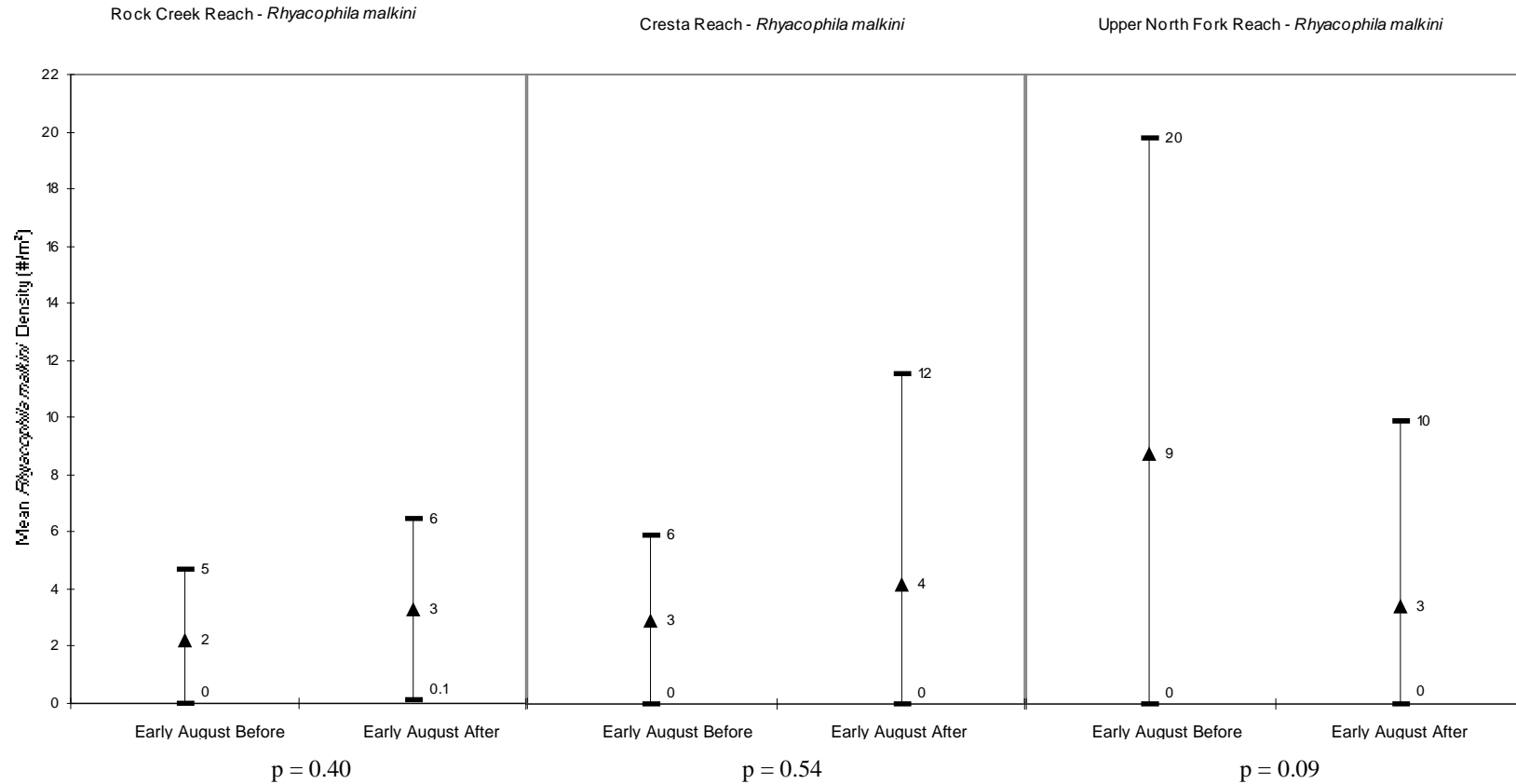
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-20. Mean Density for *Protopoia* 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



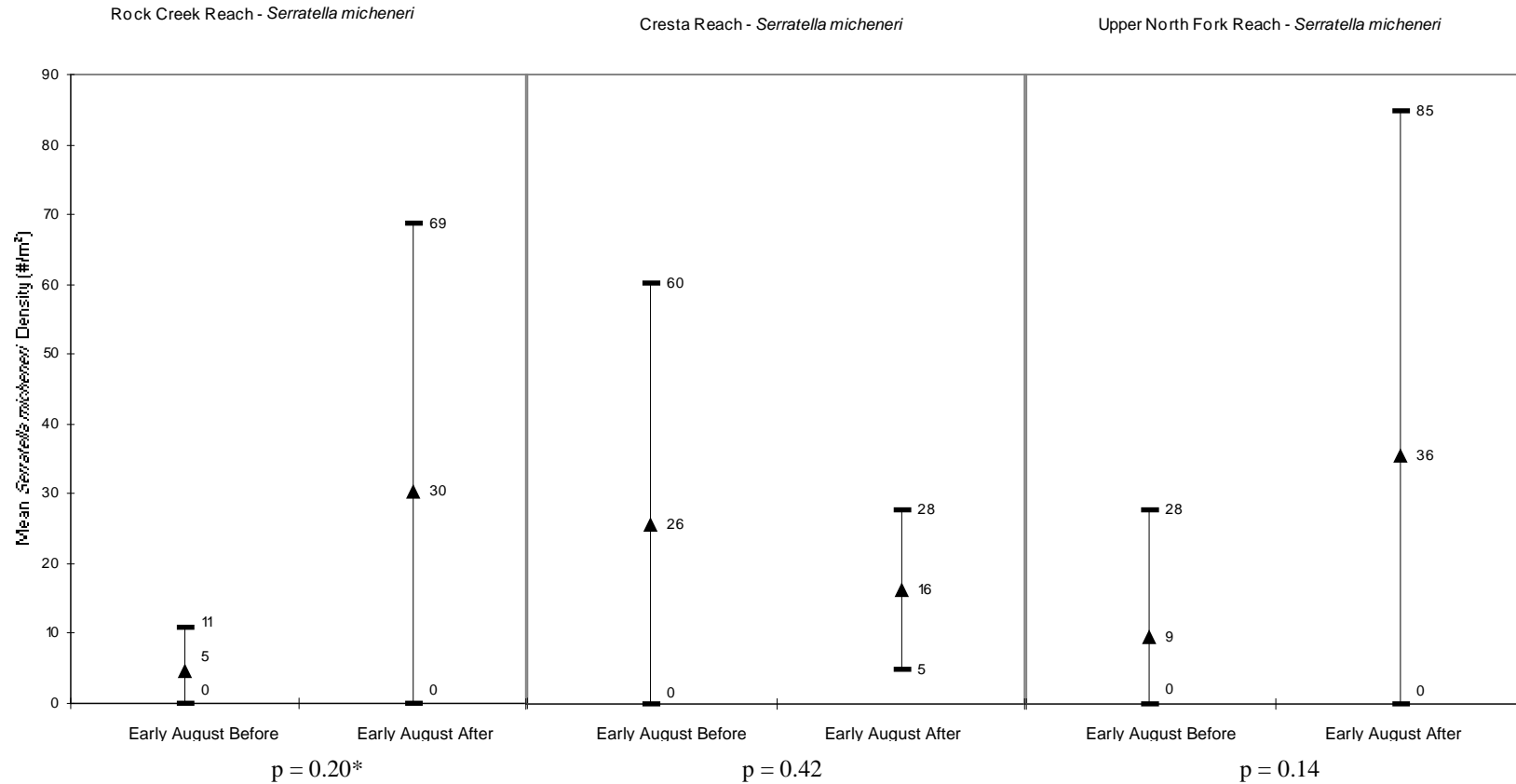
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-21. 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, Two Way-ANOVA, Early August 2008.



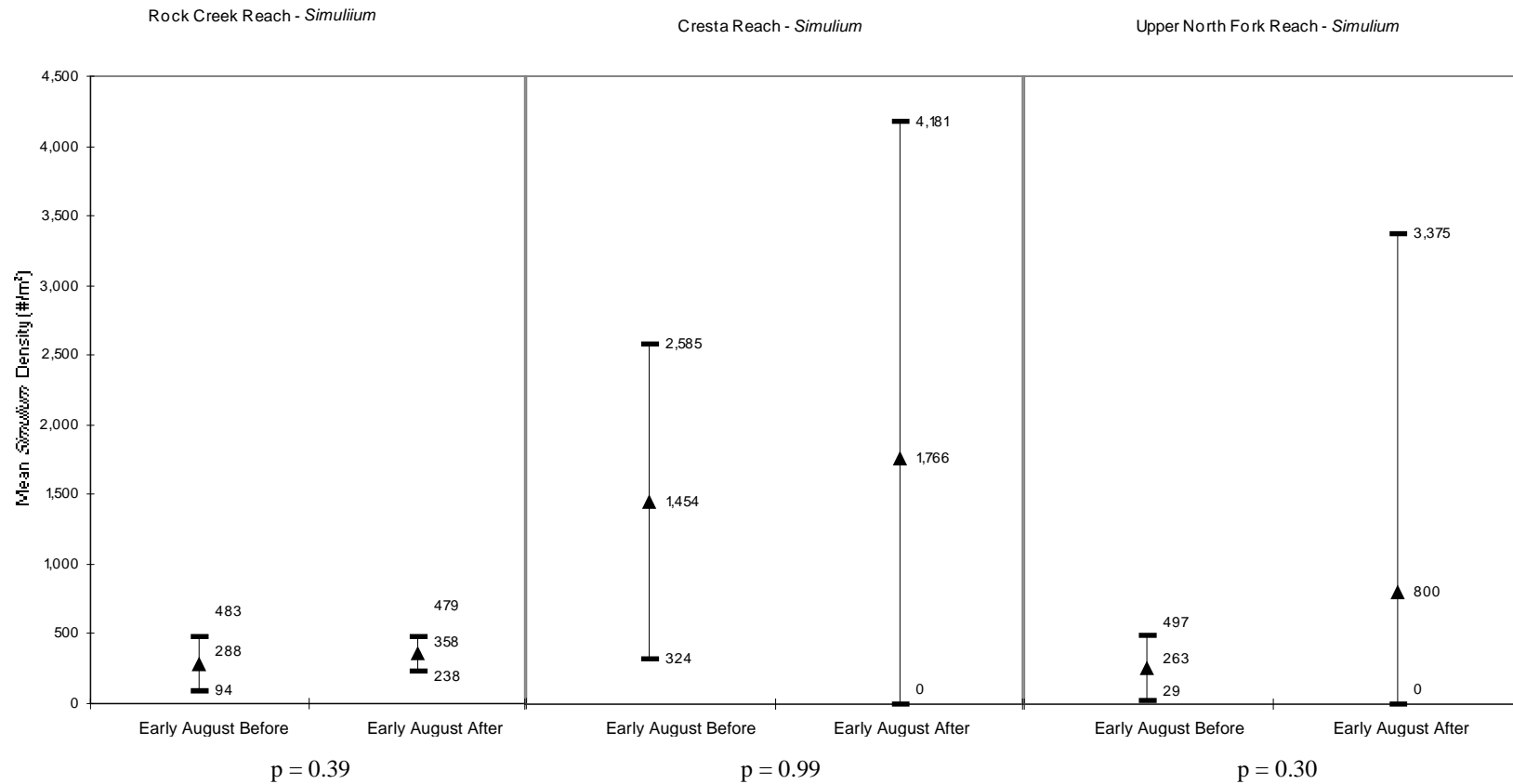
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-22. 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, Two Way-ANOVA, Early August 2008.



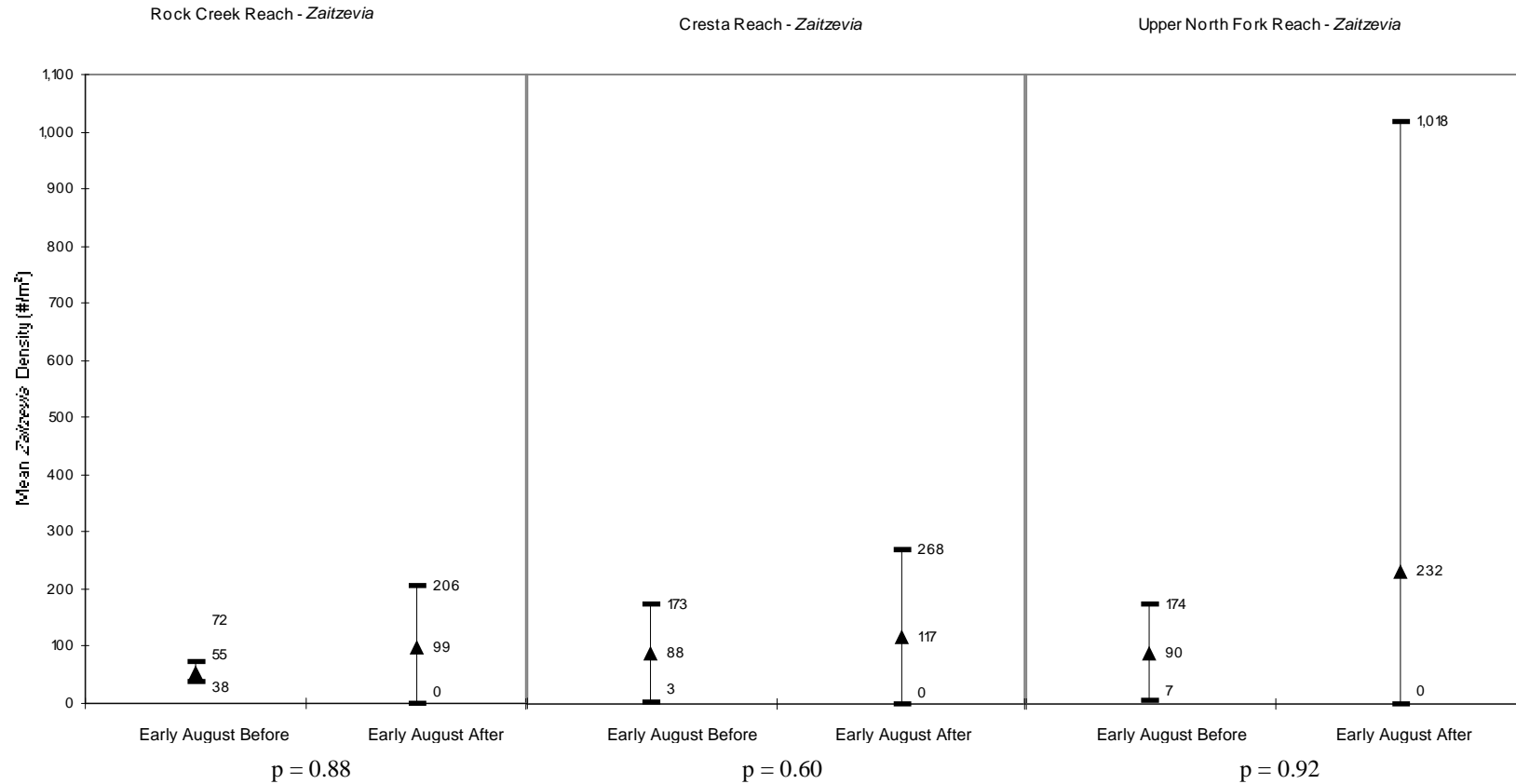
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-23. 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, Two Way-ANOVA, Early August 2008 (* = Kruskal-Wallis p-value).



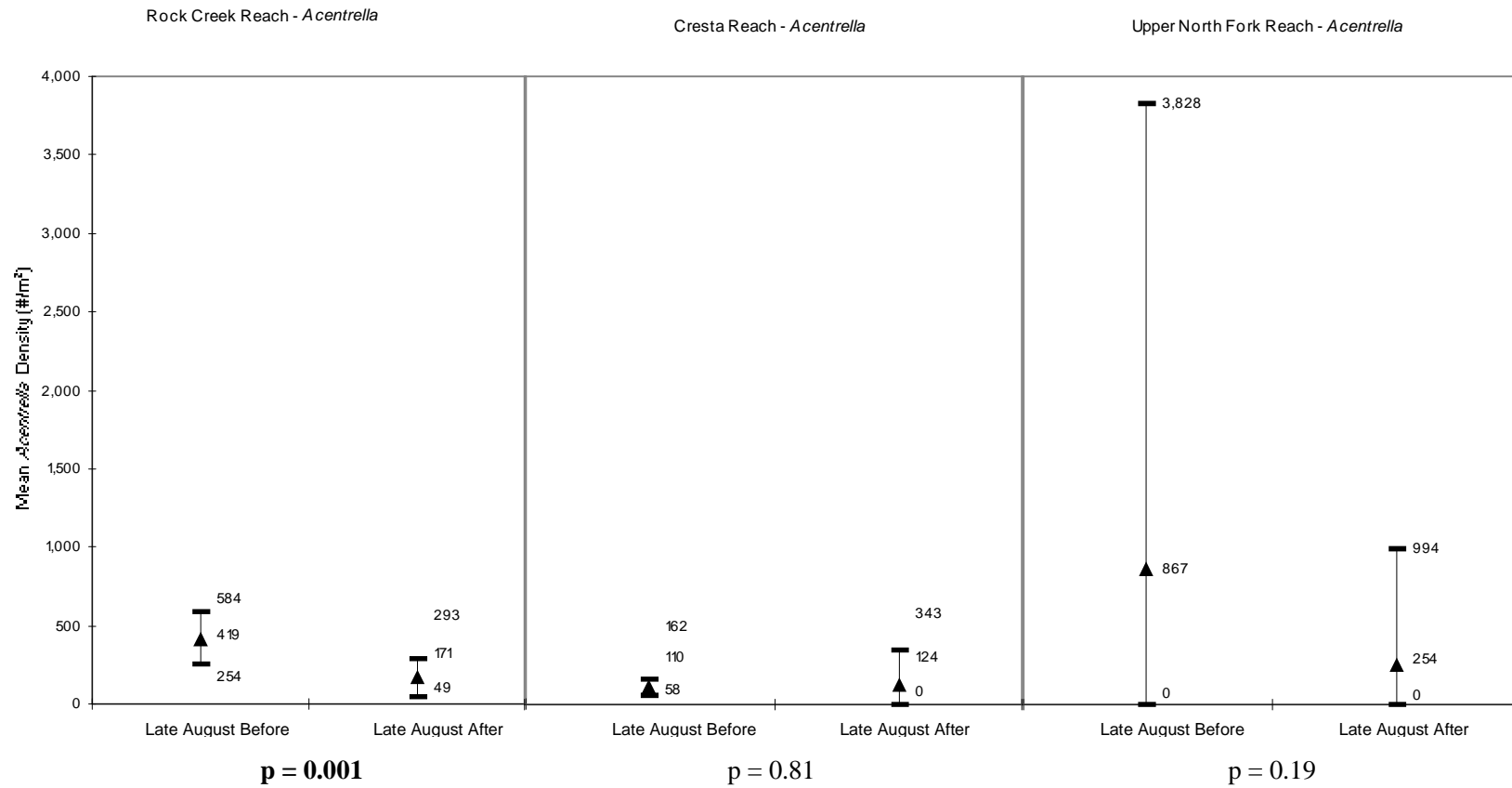
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-24. 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, Two Way-ANOVA, Early August 2008.



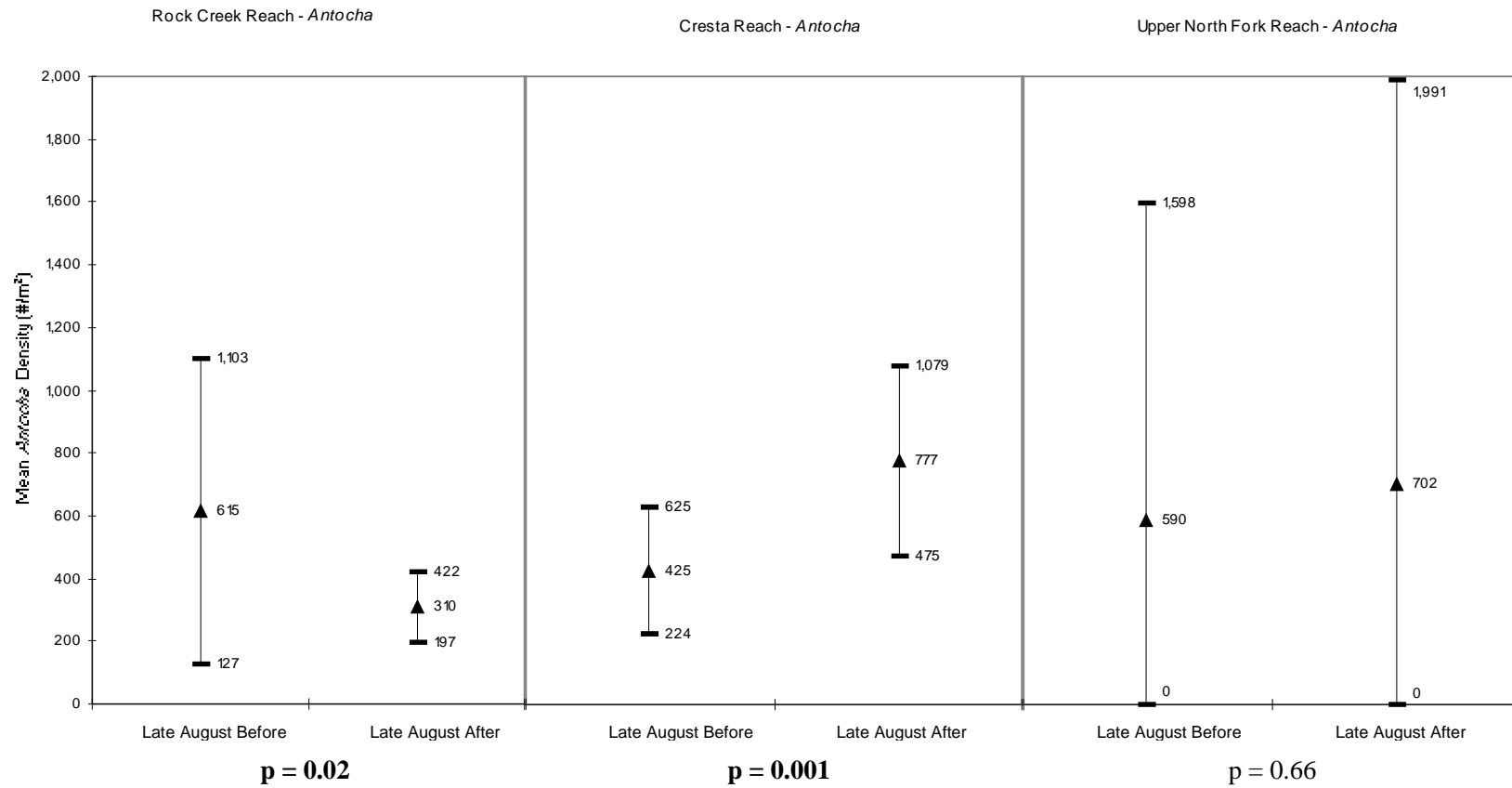
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-25. 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, Two Way-ANOVA, Early August 2008.



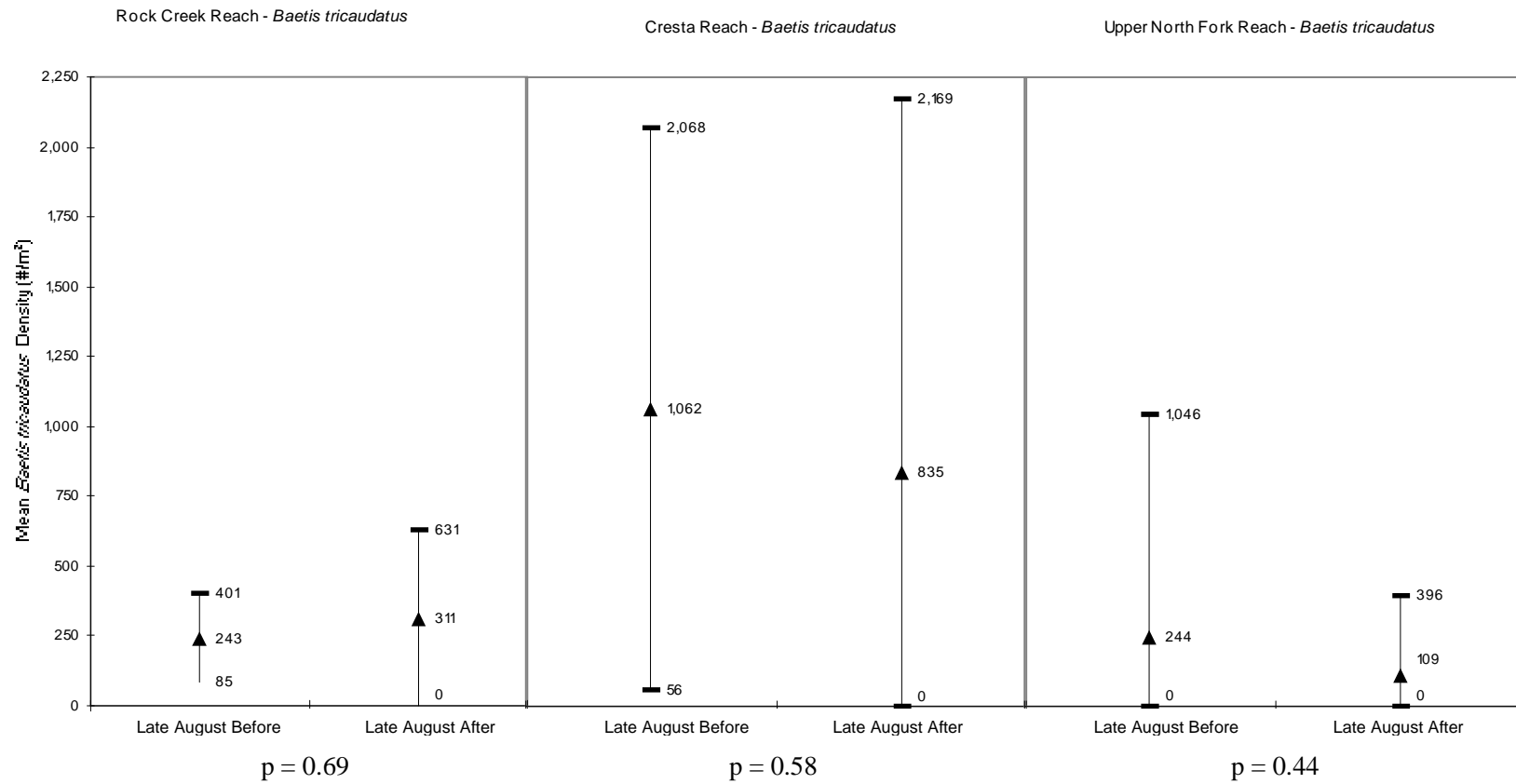
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-26. 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, Two Way-ANOVA, Late August 2008.



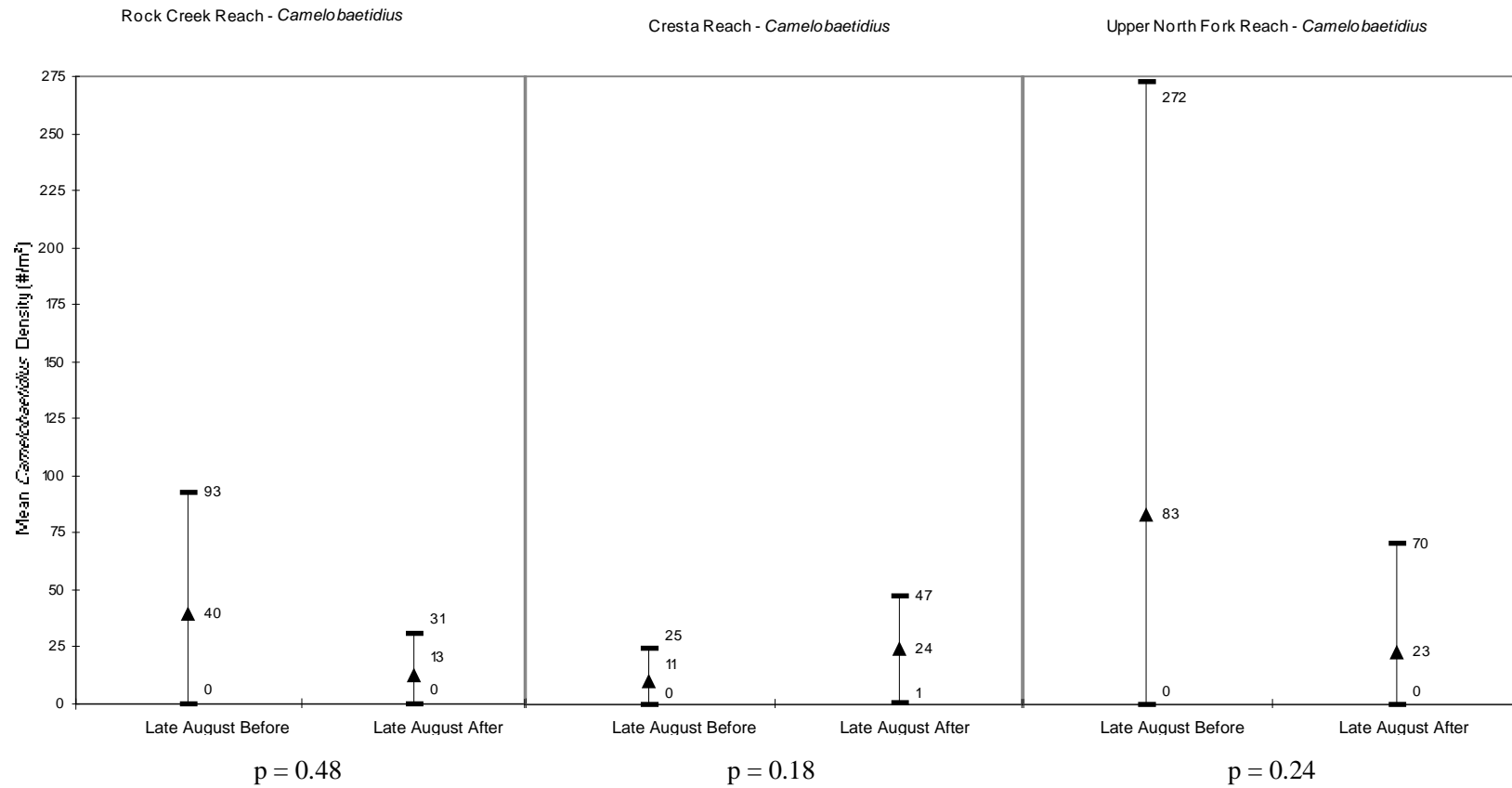
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-27. 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, Two Way-ANOVA, Late August 2008.



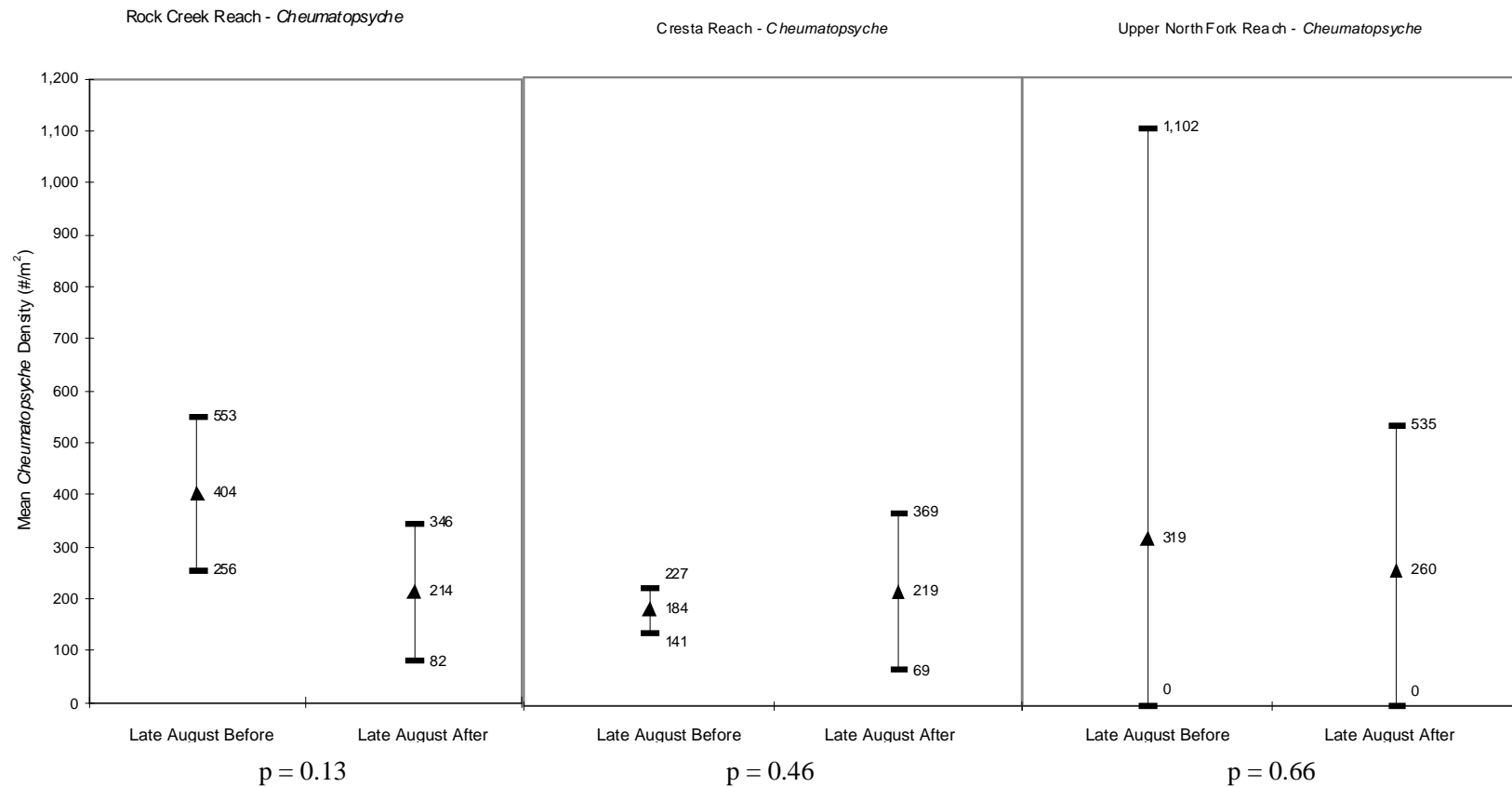
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-28. 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, Two Way-ANOVA, Late August 2008.



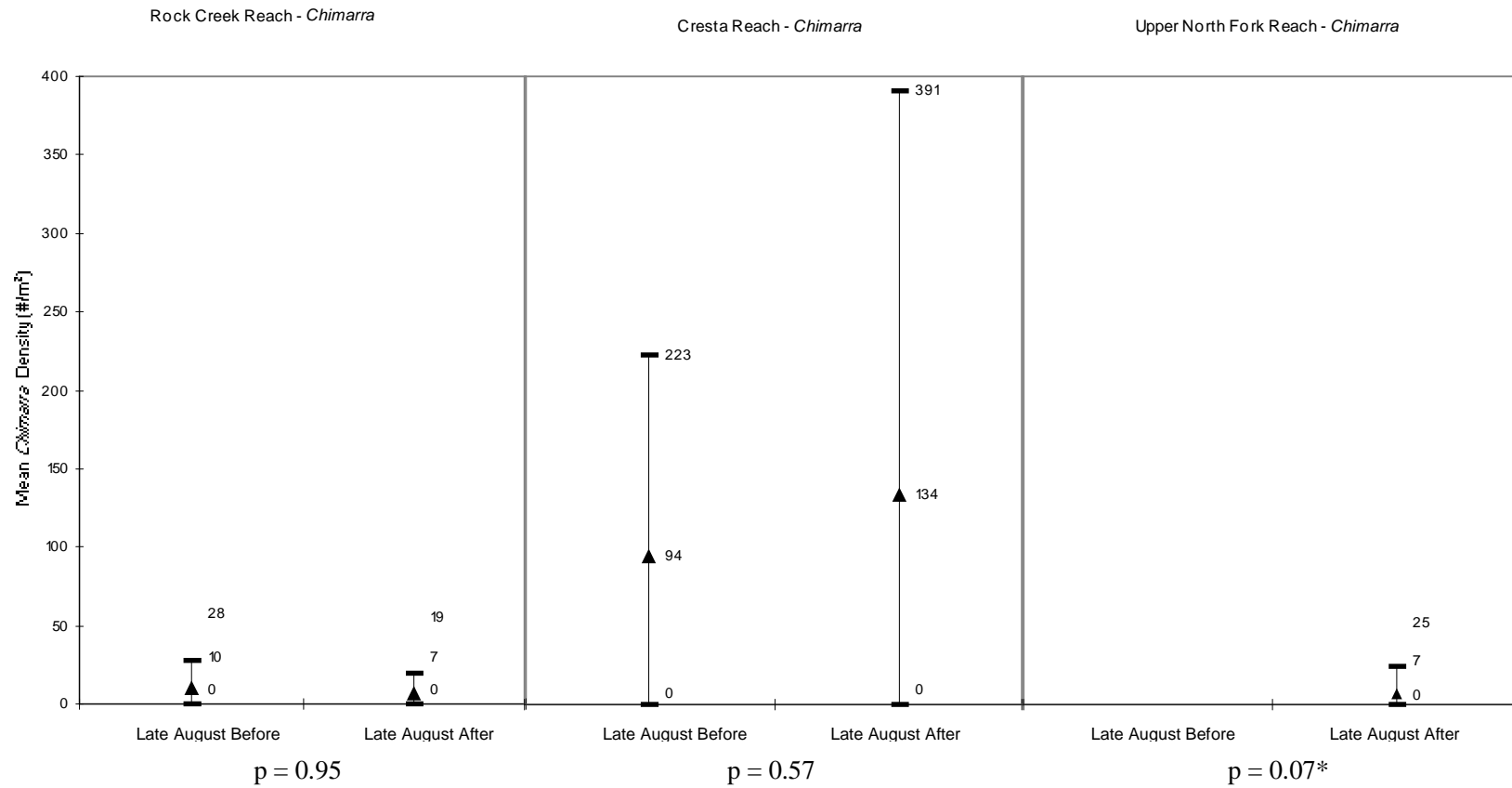
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-29. 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, Two Way-ANOVA, Late August 2008.



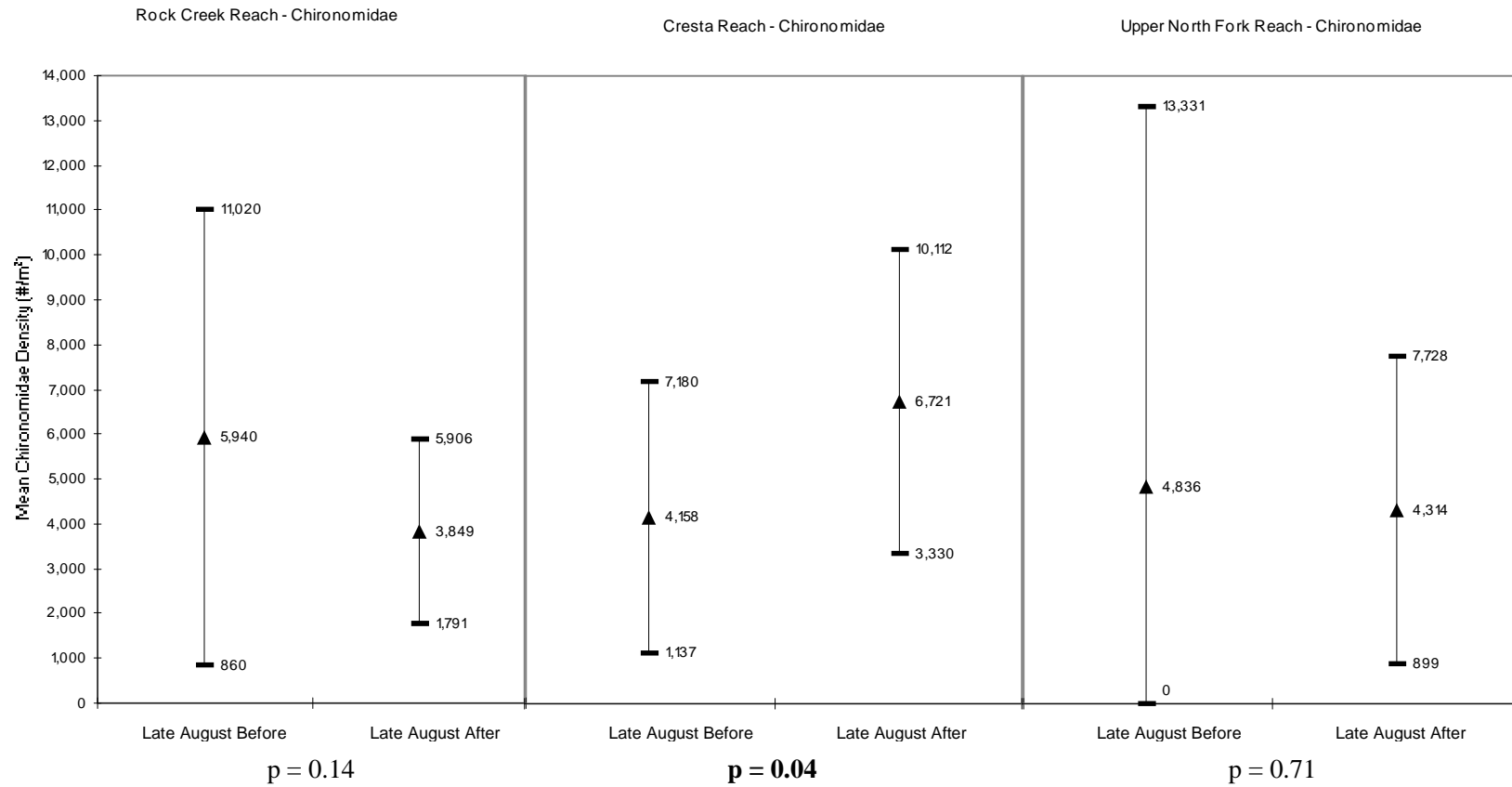
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-30. 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, Two Way-ANOVA, Late August 2008.



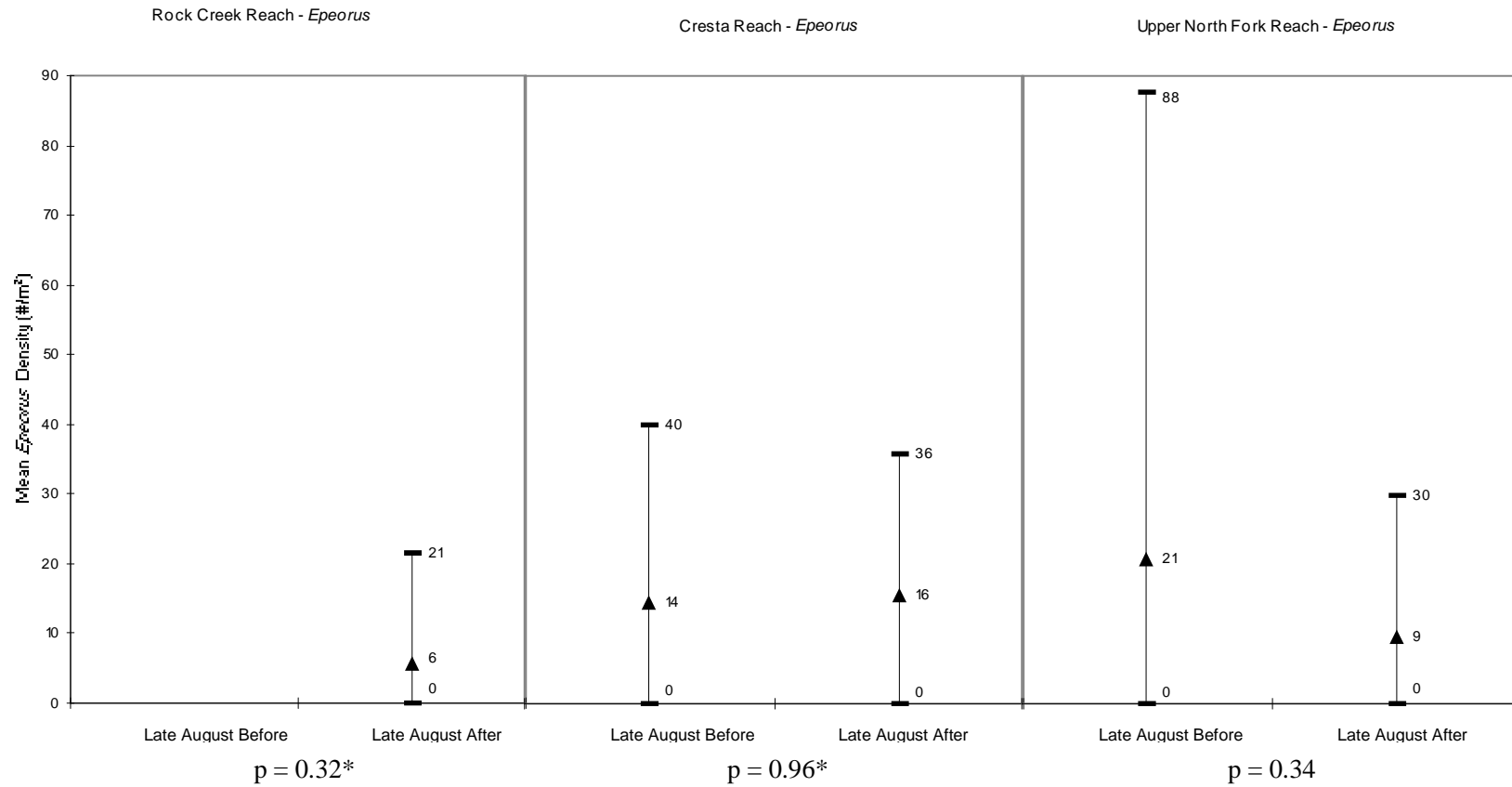
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-31. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



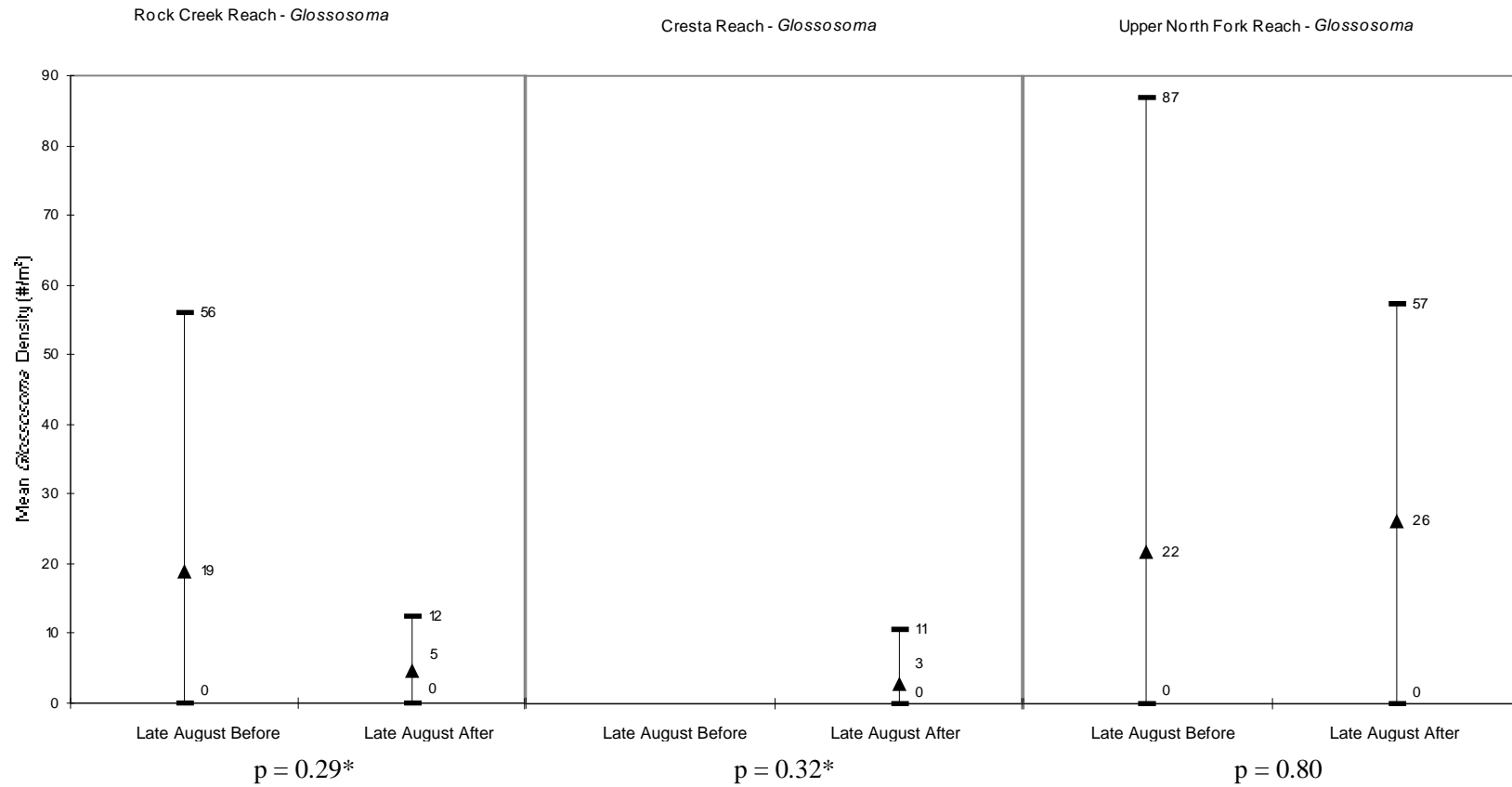
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-32. 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, Two Way-ANOVA, Late August 2008.



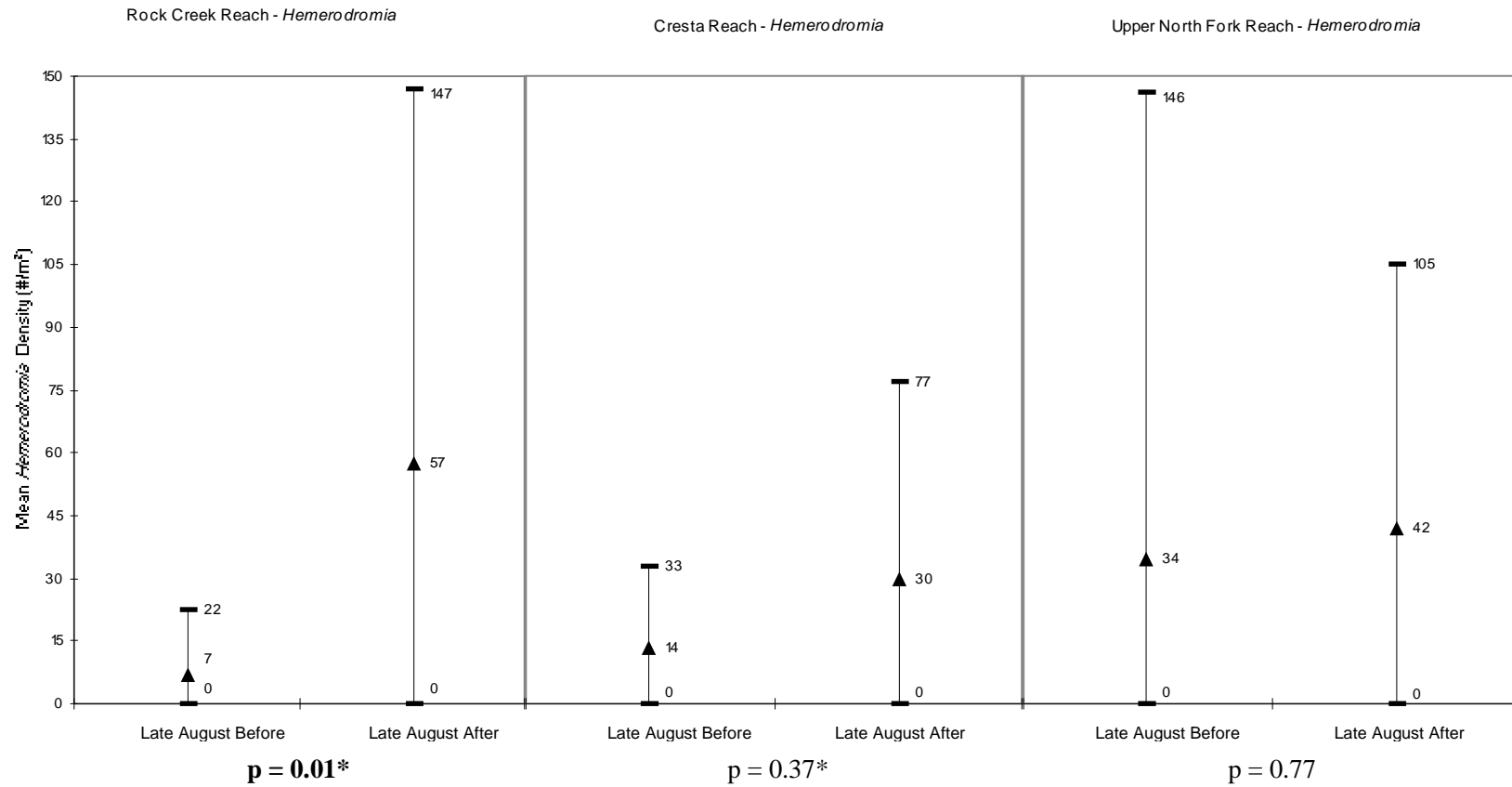
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-33. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



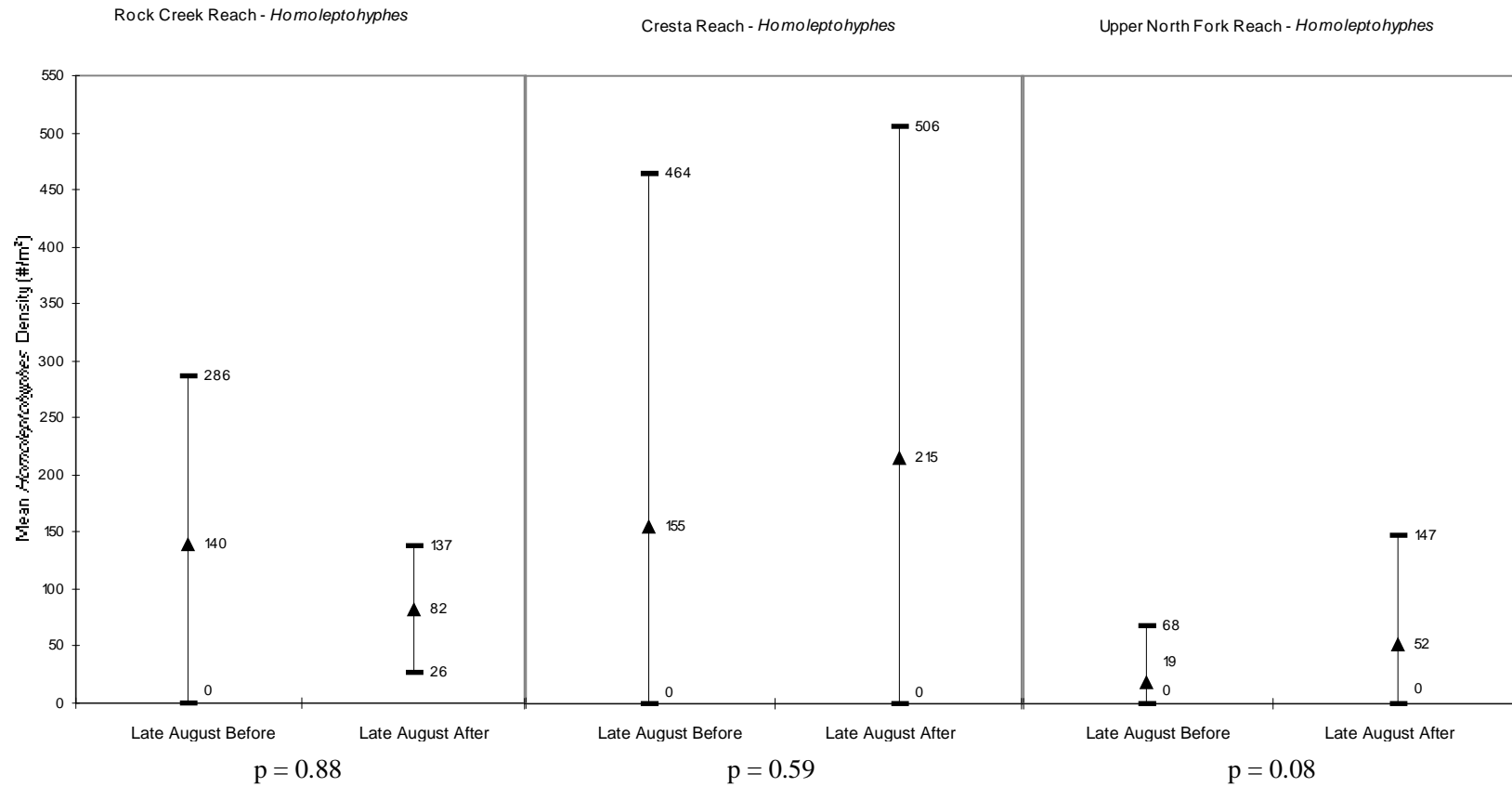
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-34. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



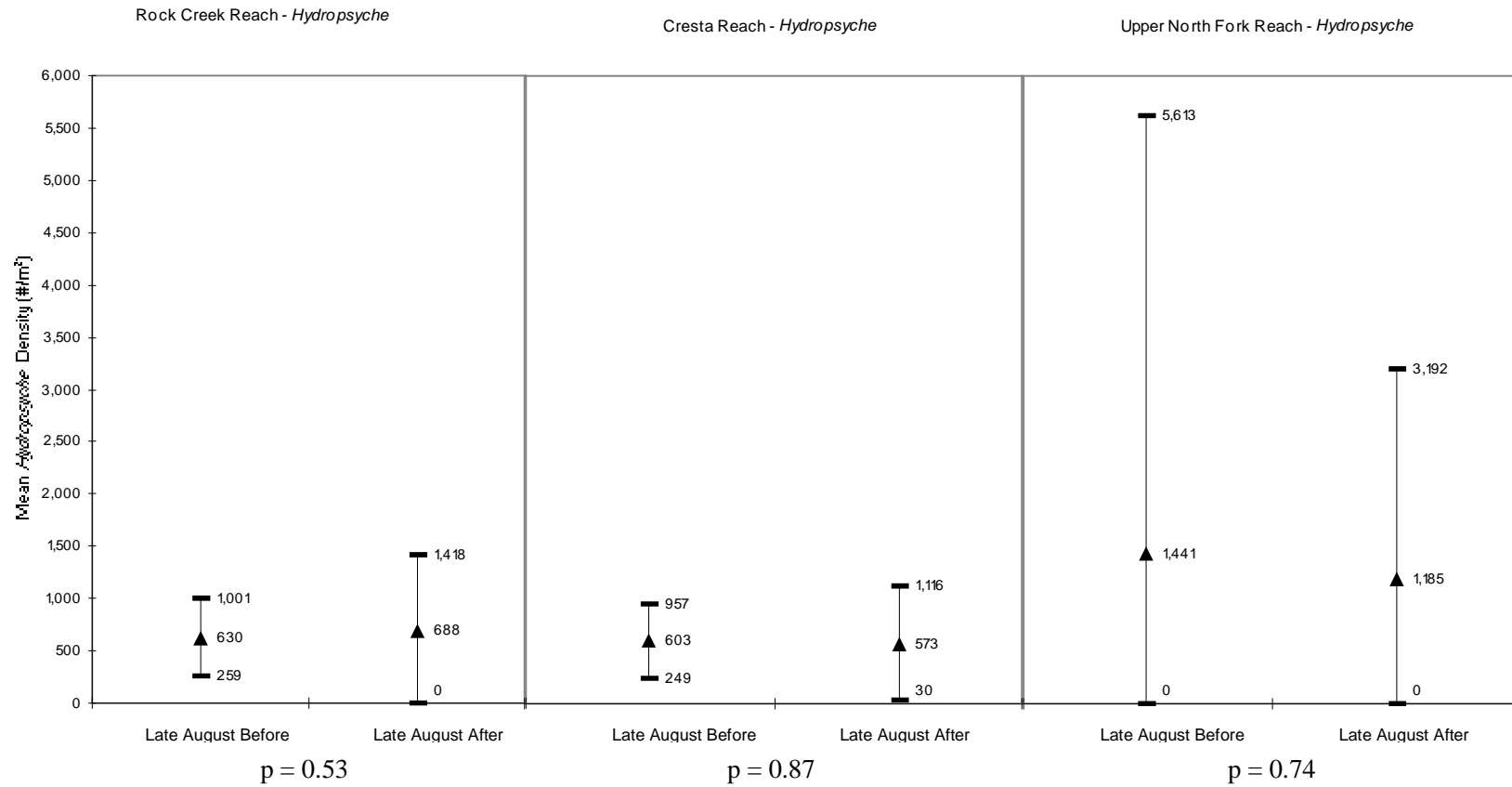
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-35. 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, Two Way-ANOVA, Late August 2008(* = Kruskal-Wallis p-value).



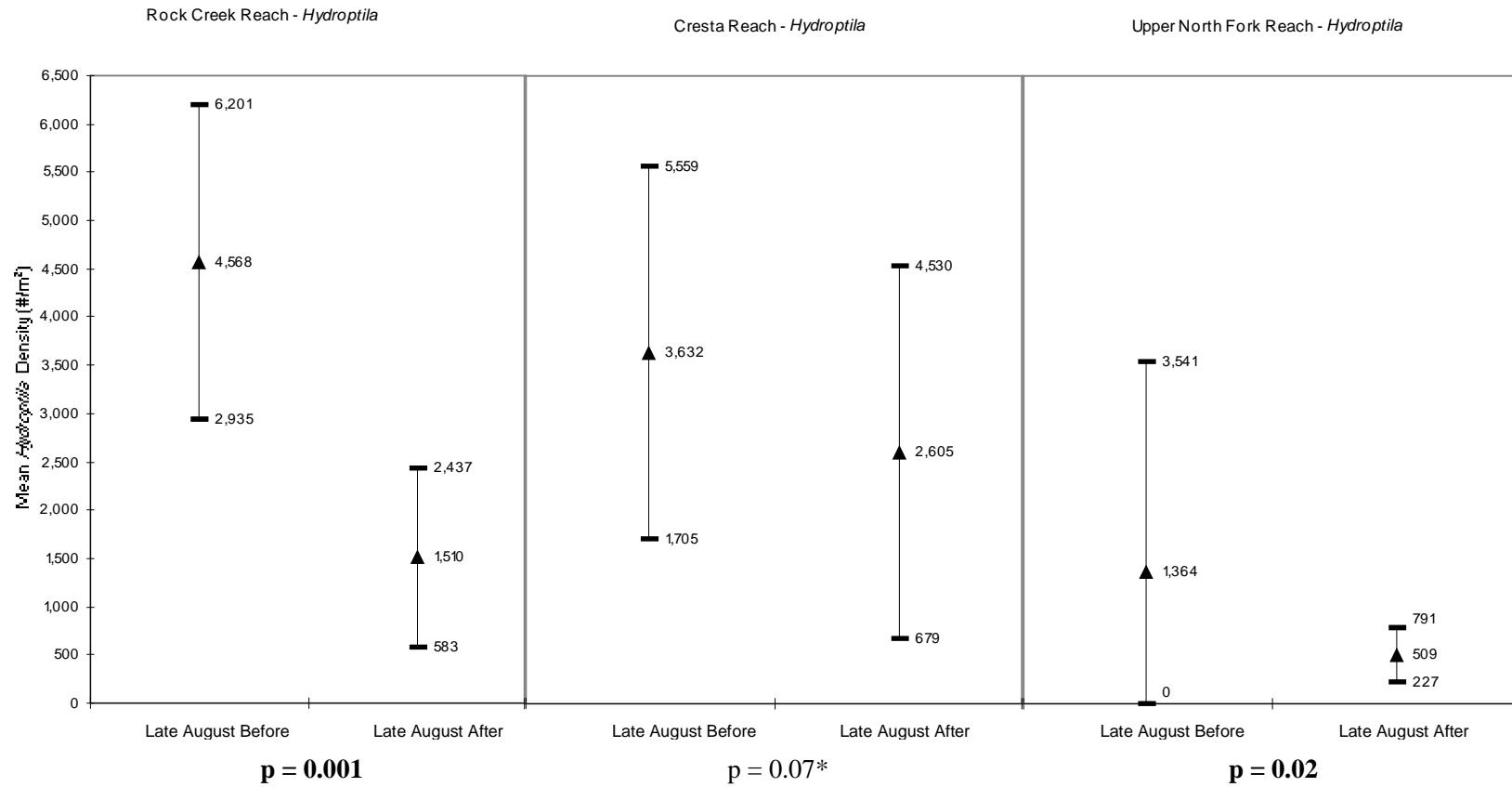
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-36. 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, Two Way-ANOVA, Late August 2008.



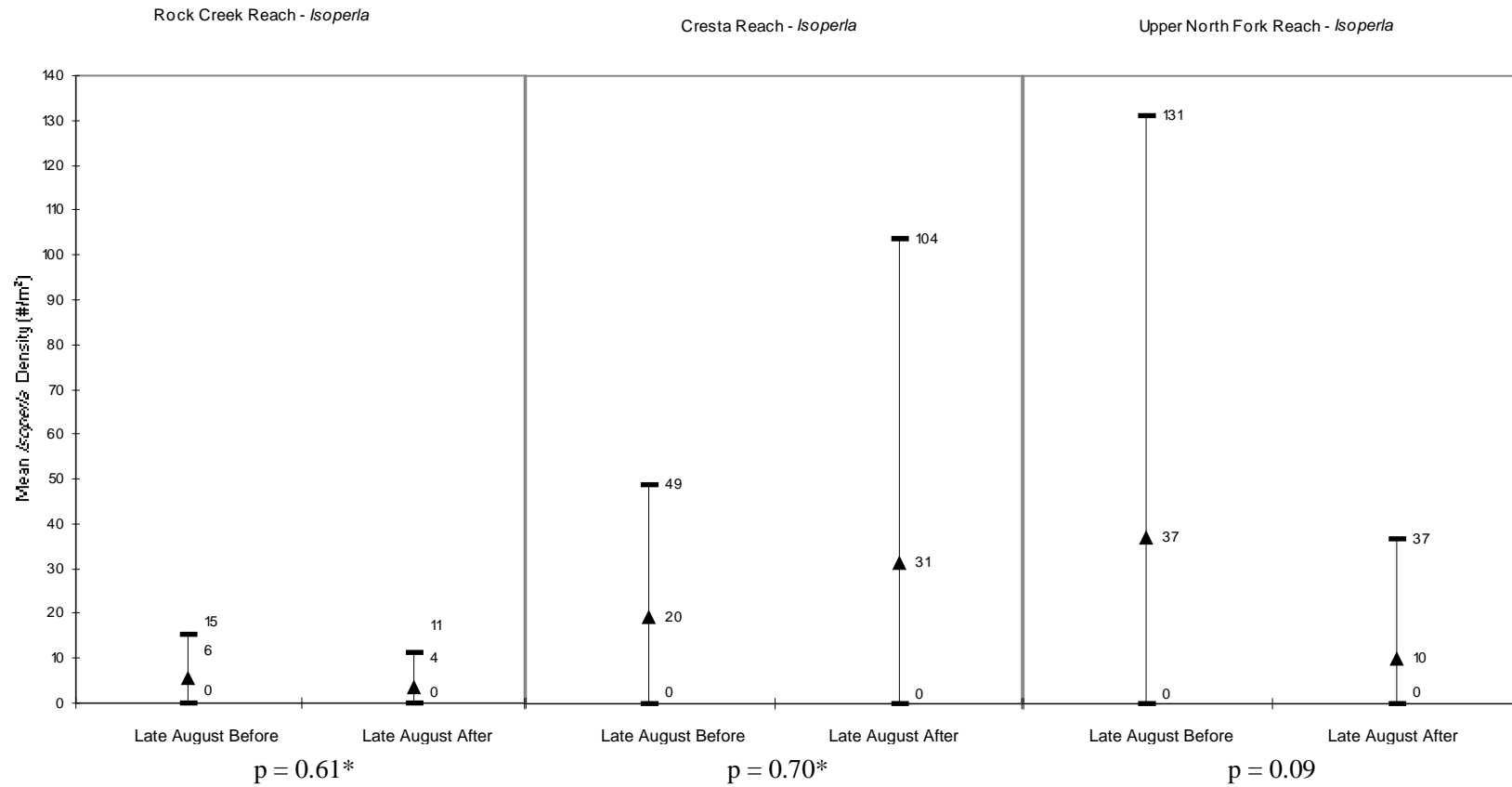
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-37. 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, Two Way-ANOVA, Late August 2008.



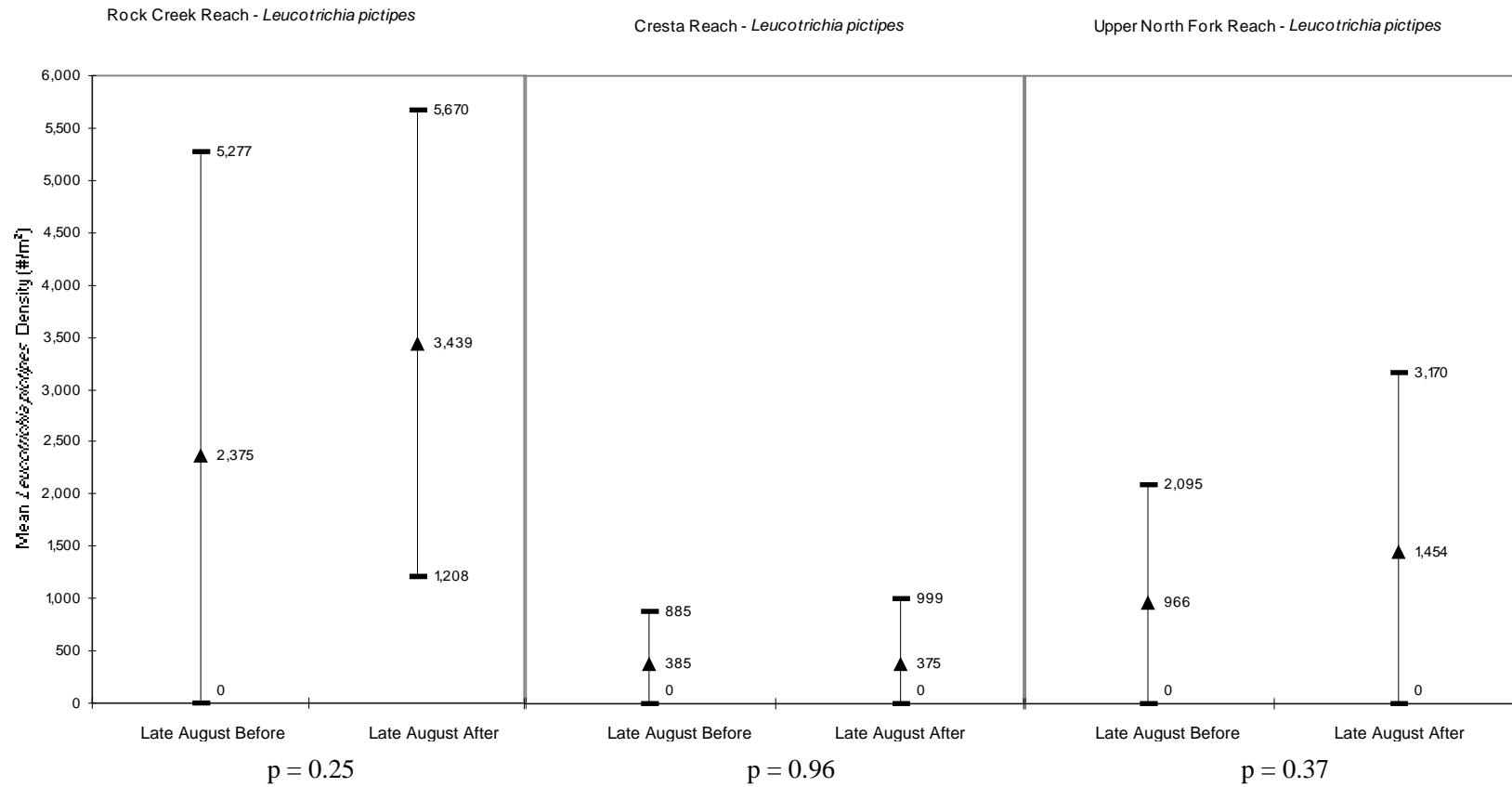
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-38. Mean Density for *Hydroptila* 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



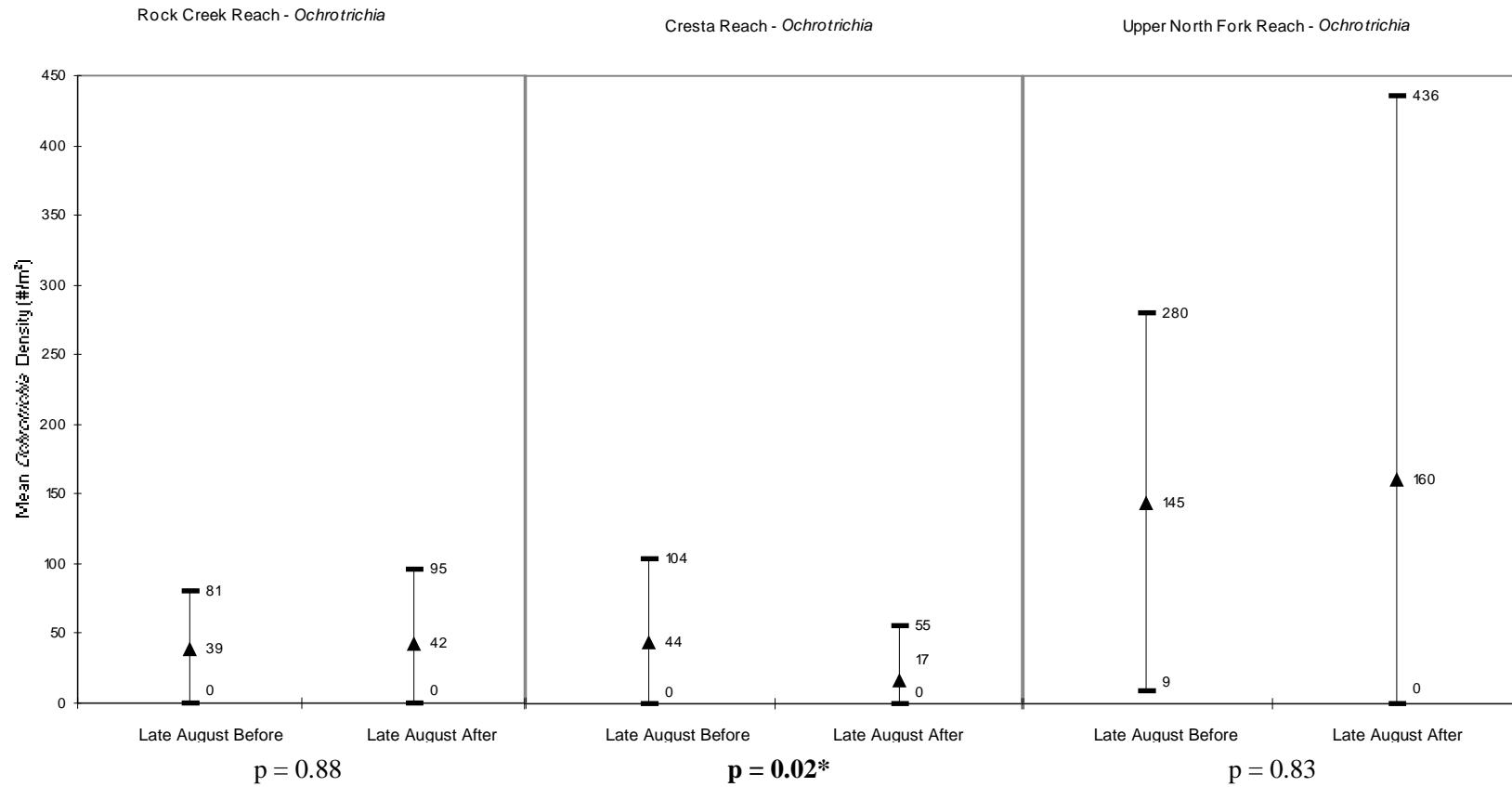
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-39. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



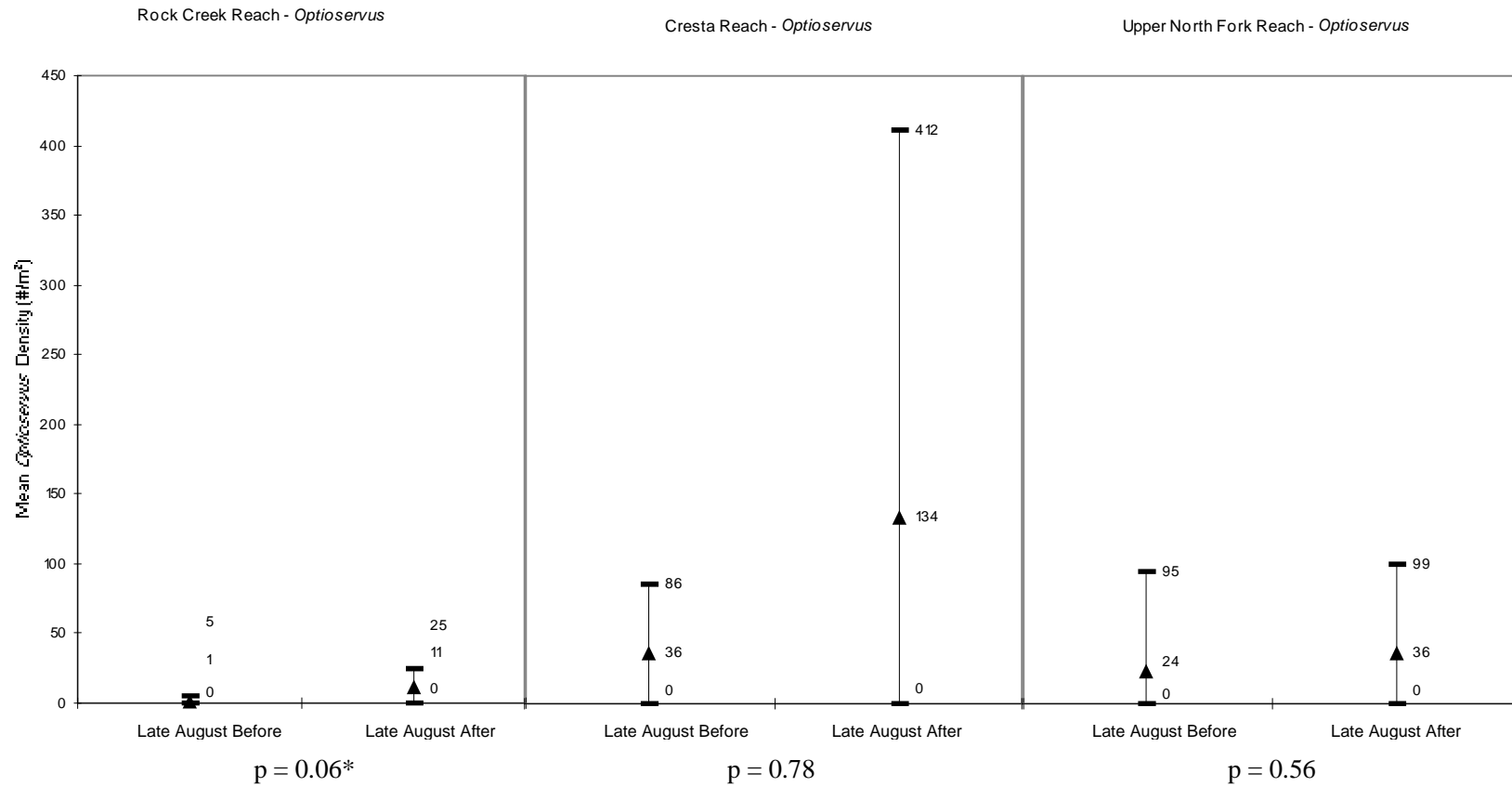
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-40. 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, Two Way-ANOVA, Late August 2008.



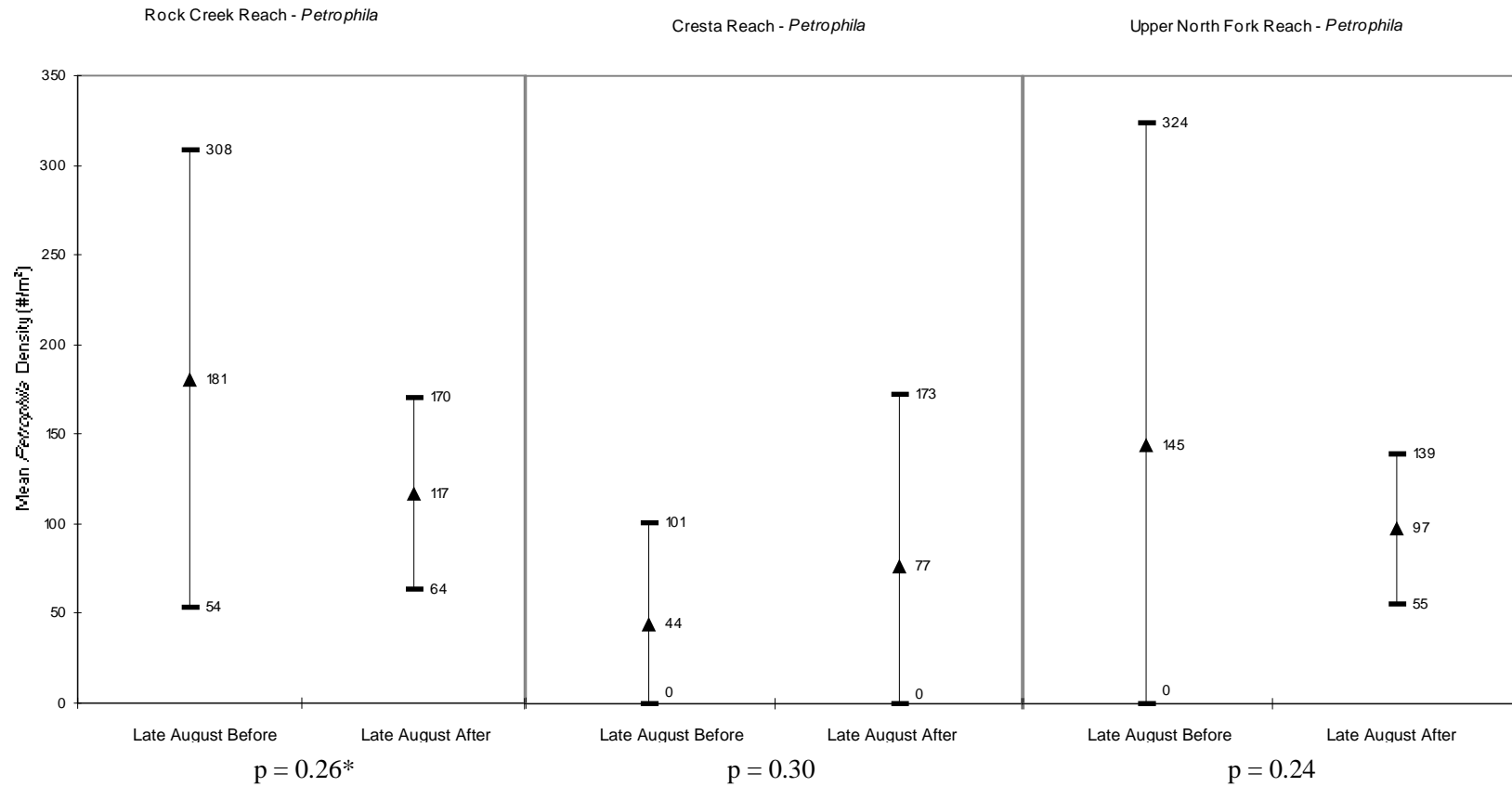
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-41. 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, Two Way-ANOVA, Late August 2008(* = Kruskal-Wallis p-value).



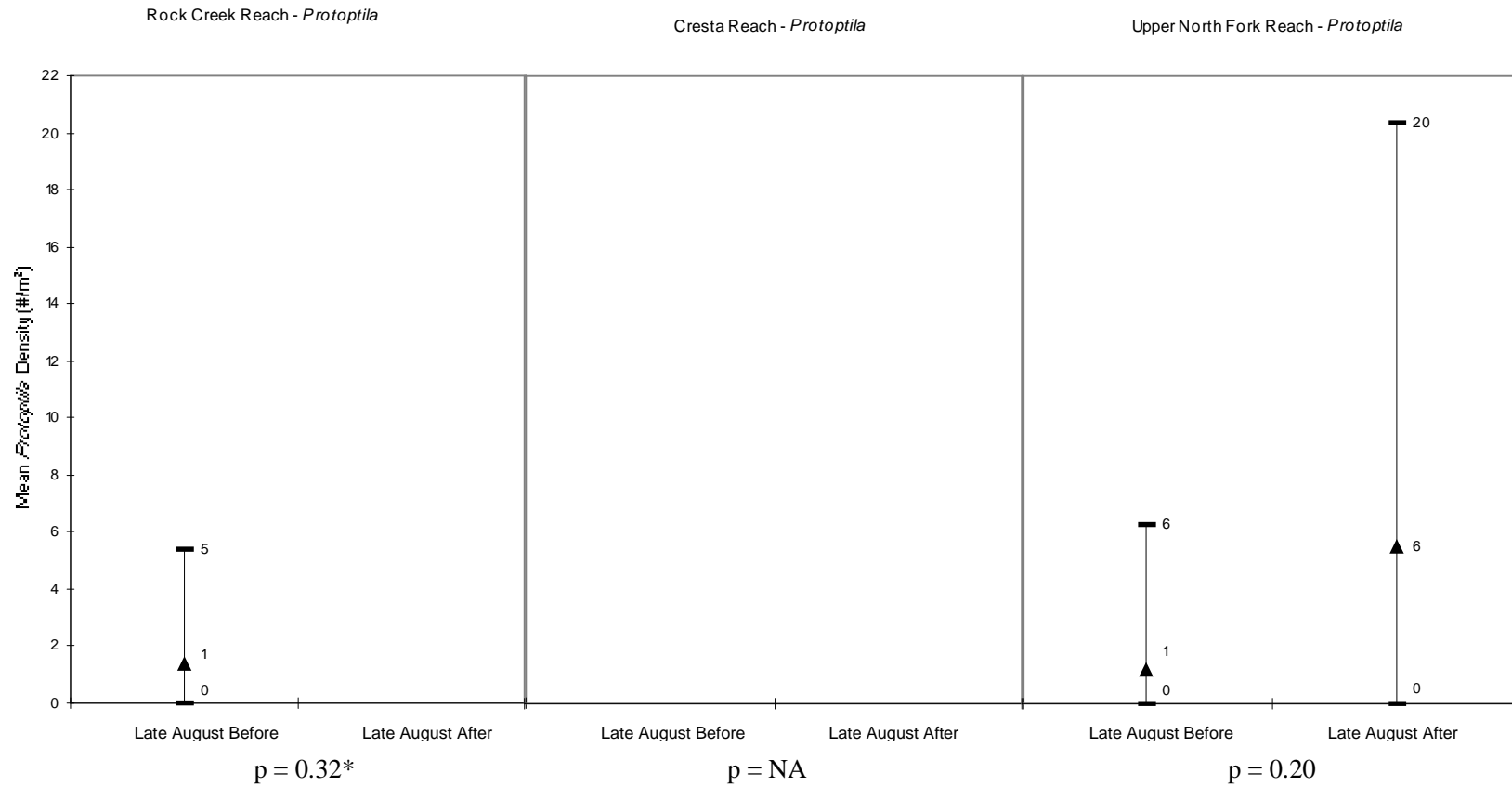
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-42. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



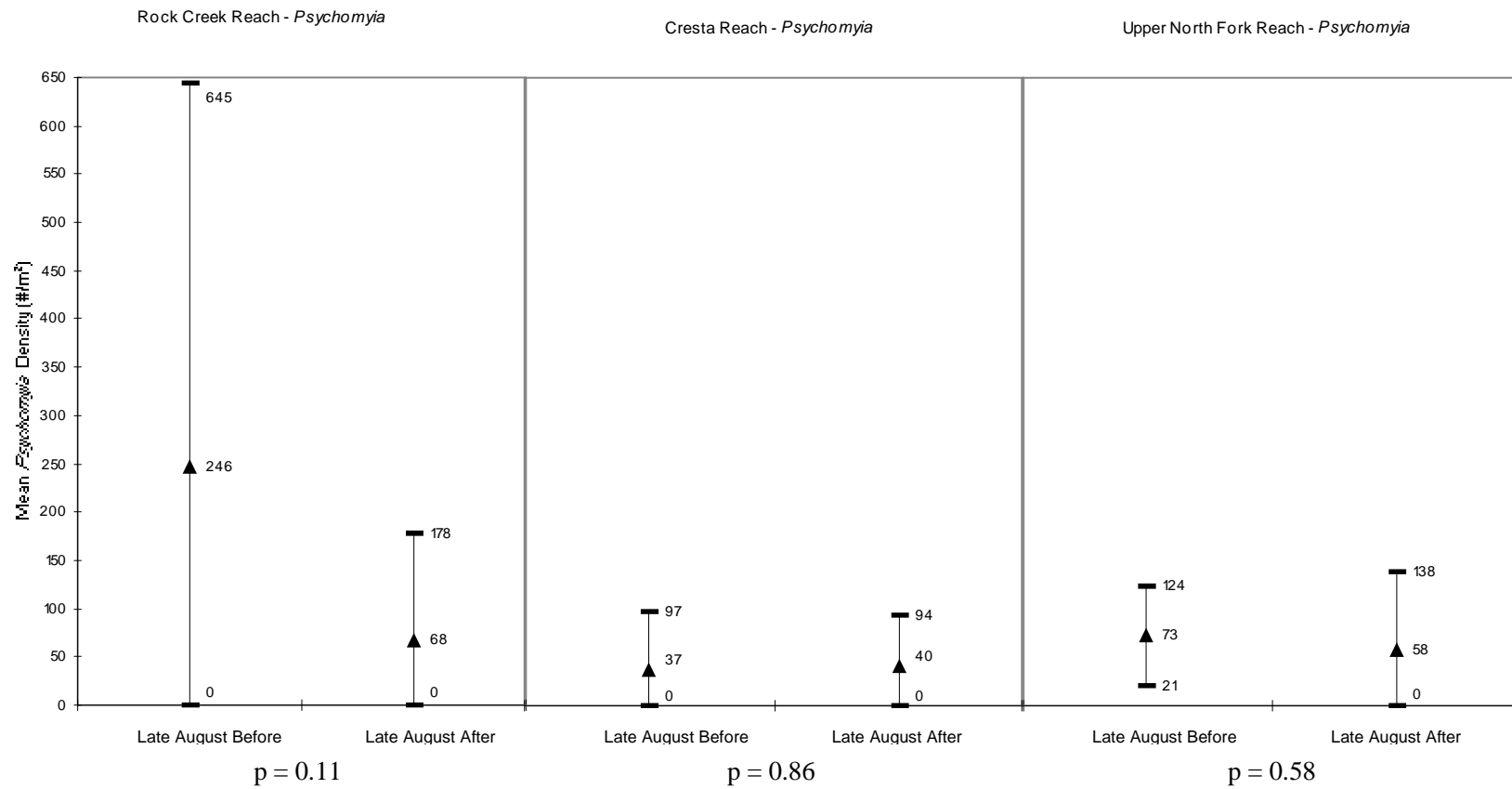
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-43. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



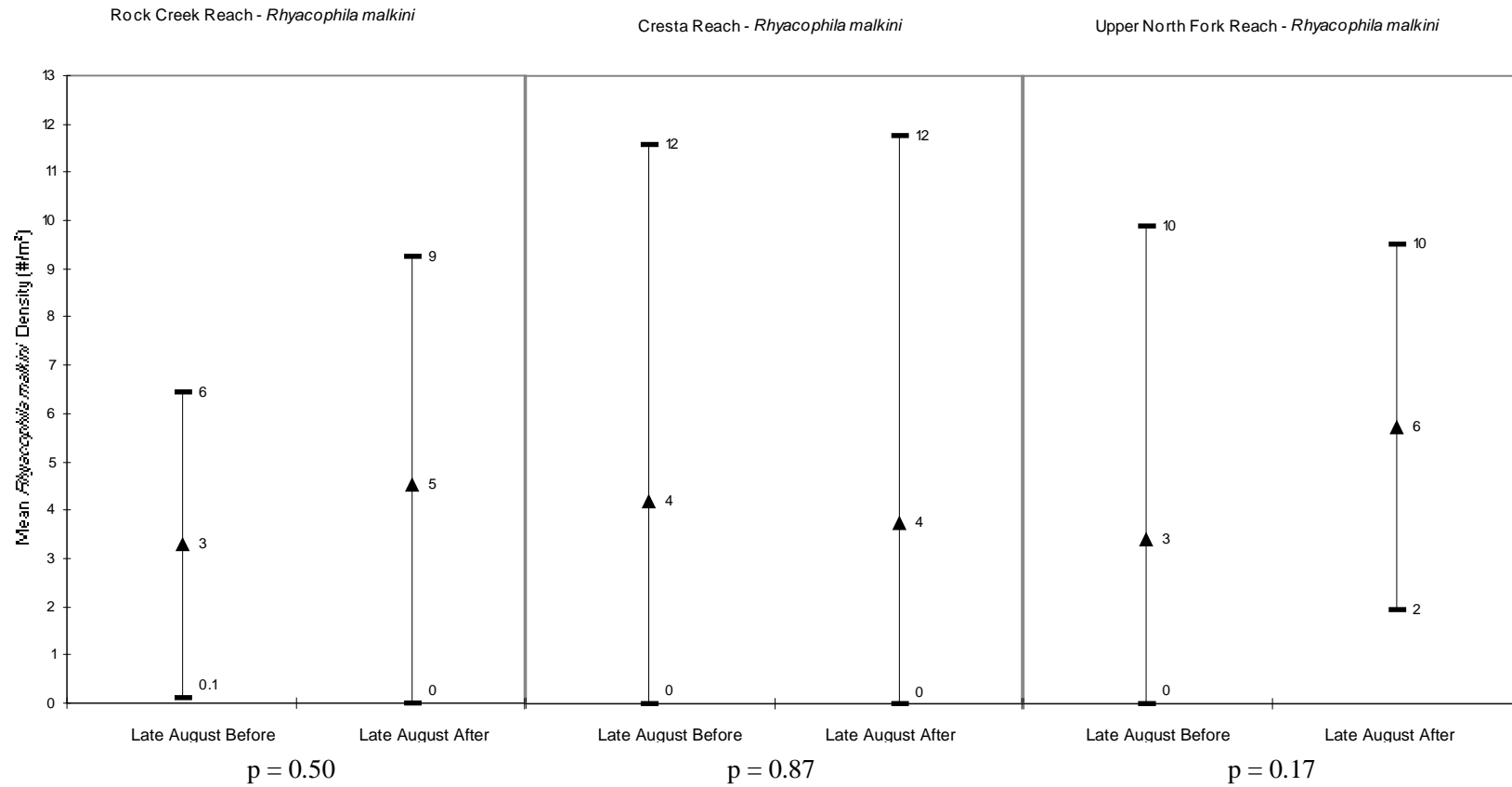
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-44. Mean Density for *Protopoia* 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



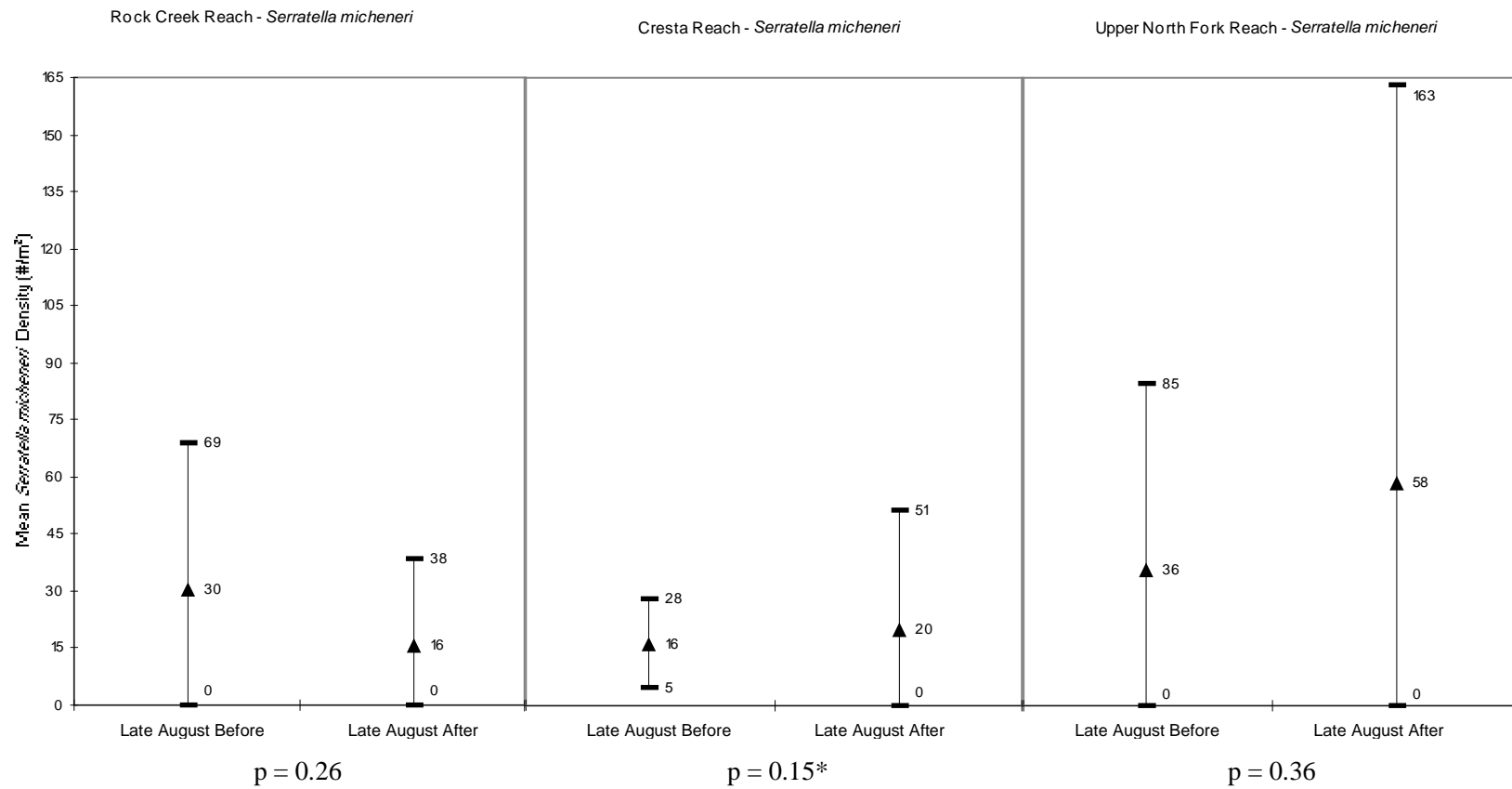
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-45. 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, Two Way-ANOVA, Late August 2008.



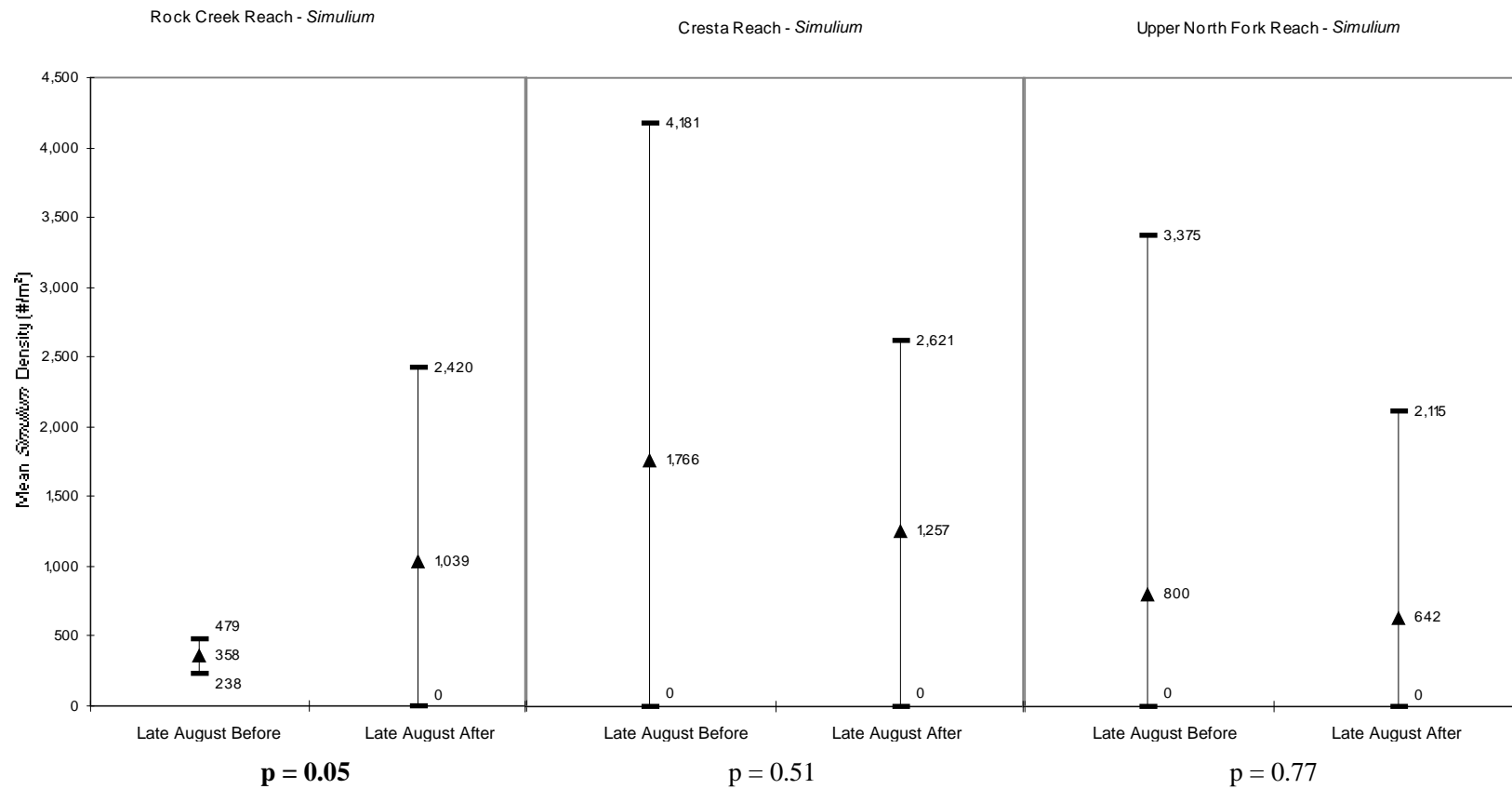
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-46. 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, Two Way-ANOVA, Late August 2008.



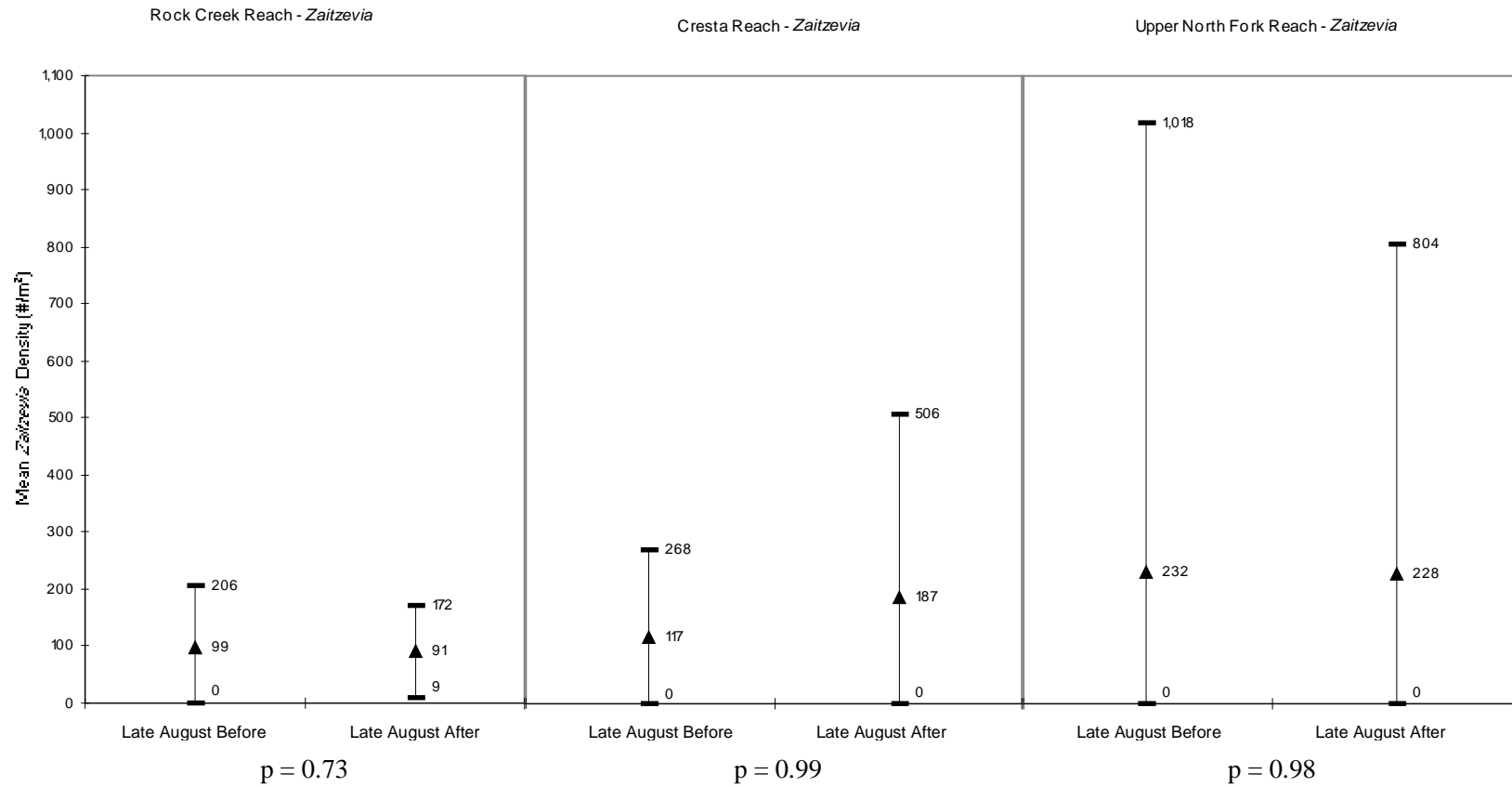
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-47. 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, Two Way-ANOVA, Late August 2008 (* = Kruskal-Wallis p-value).



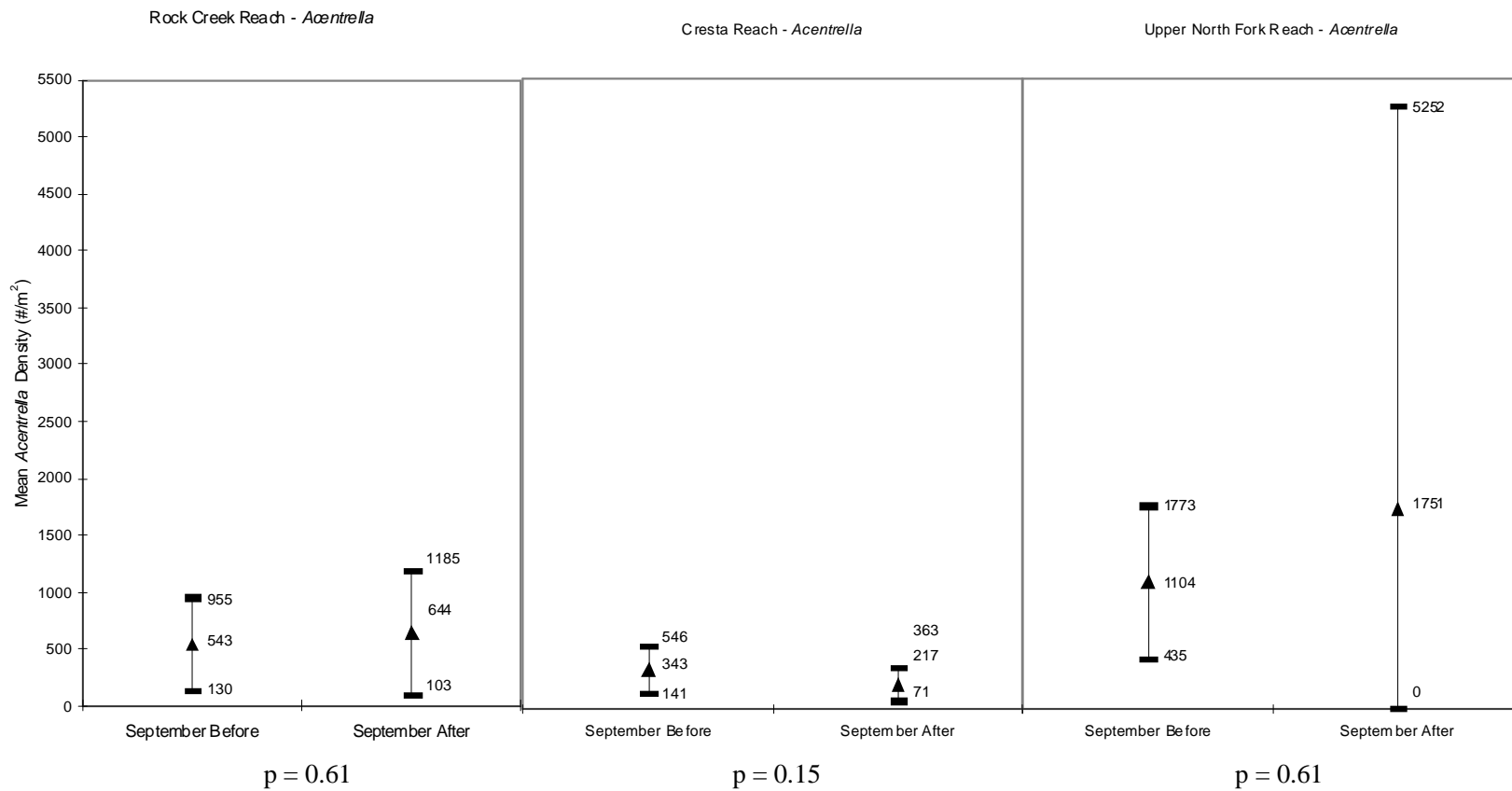
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-48. 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, Two Way-ANOVA, Late August 2008.



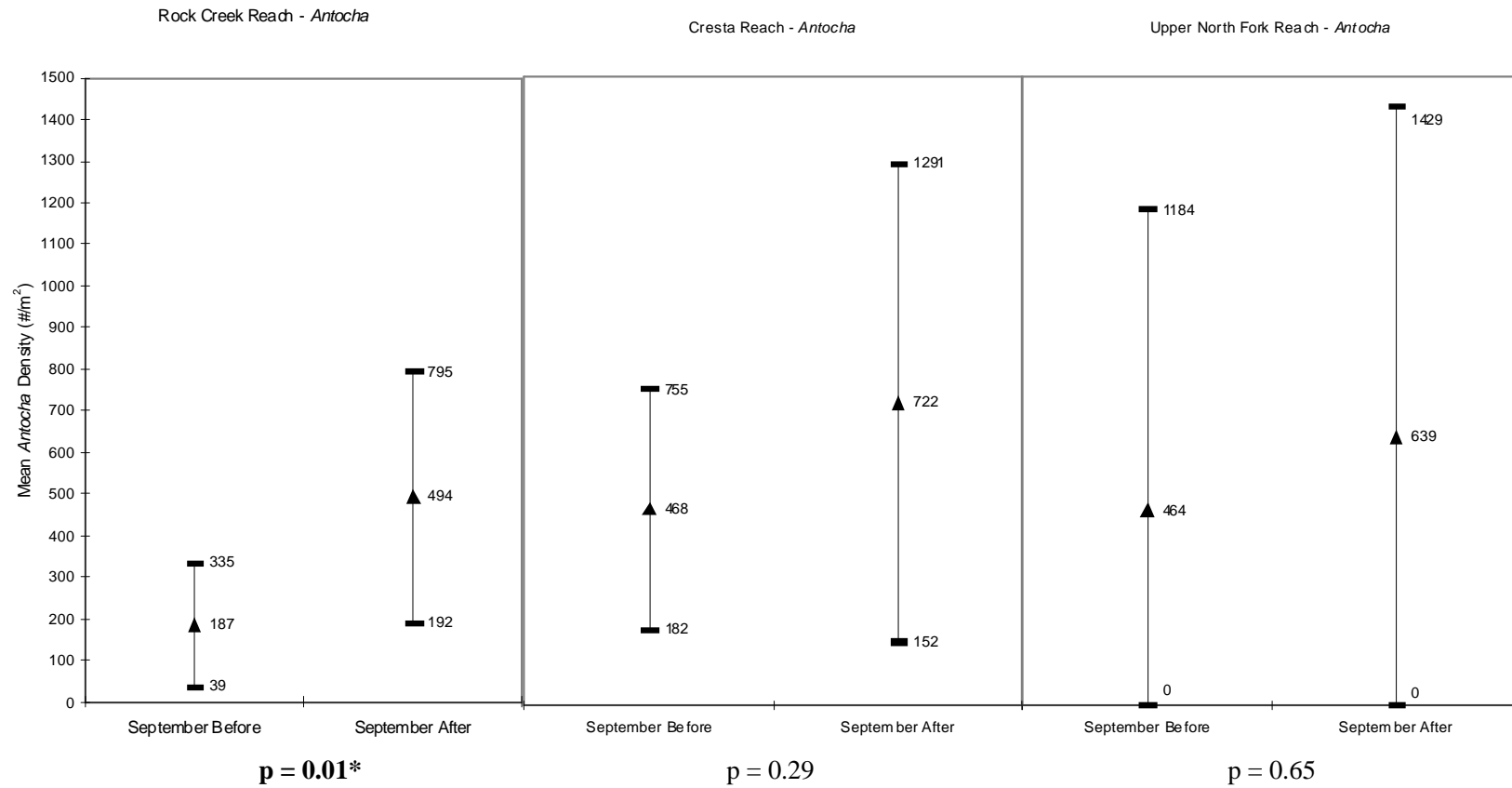
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-49. 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, Two Way-ANOVA, Late August 2008.



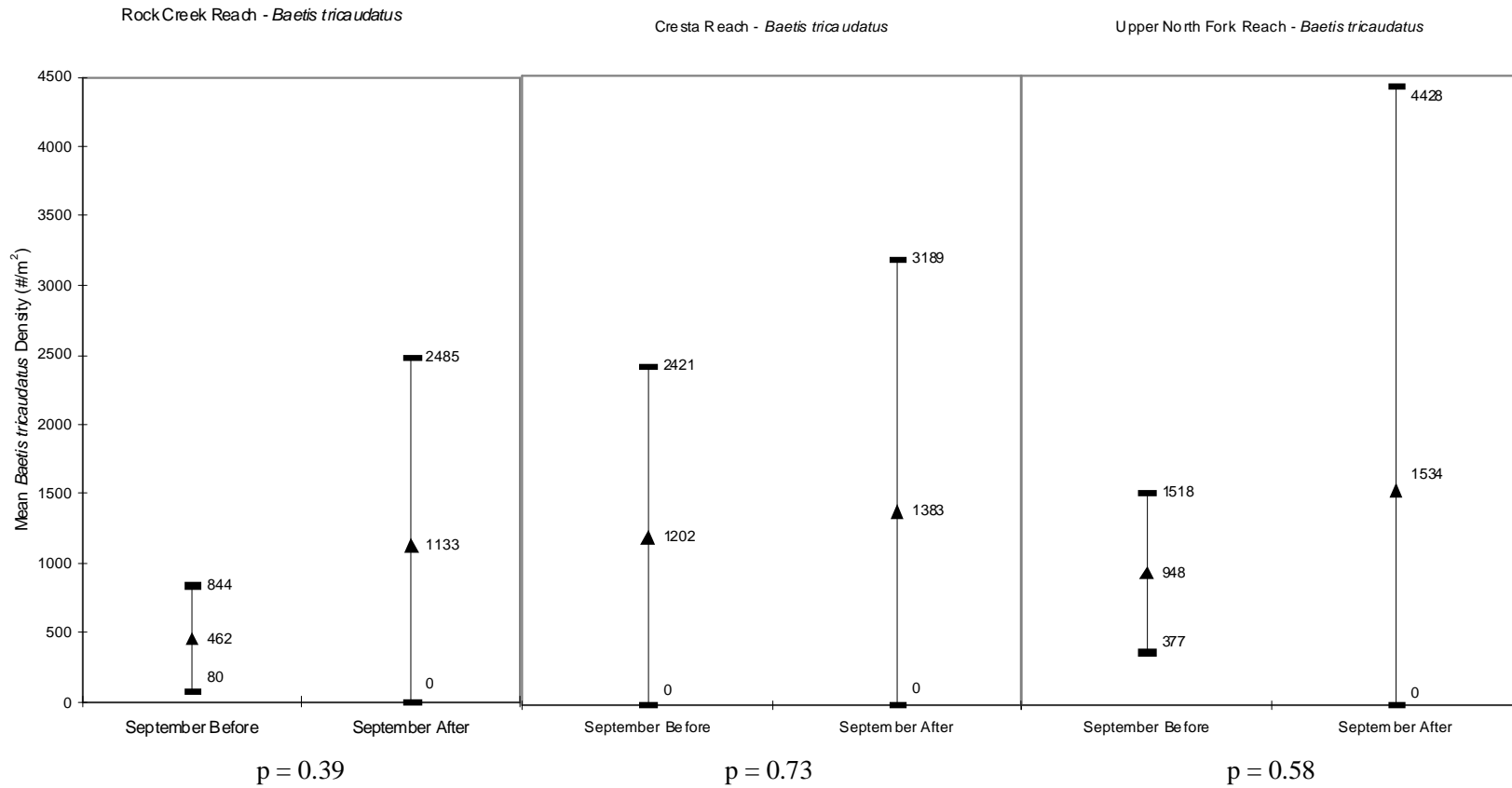
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-50. 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, Two Way-ANOVA, September 2008.



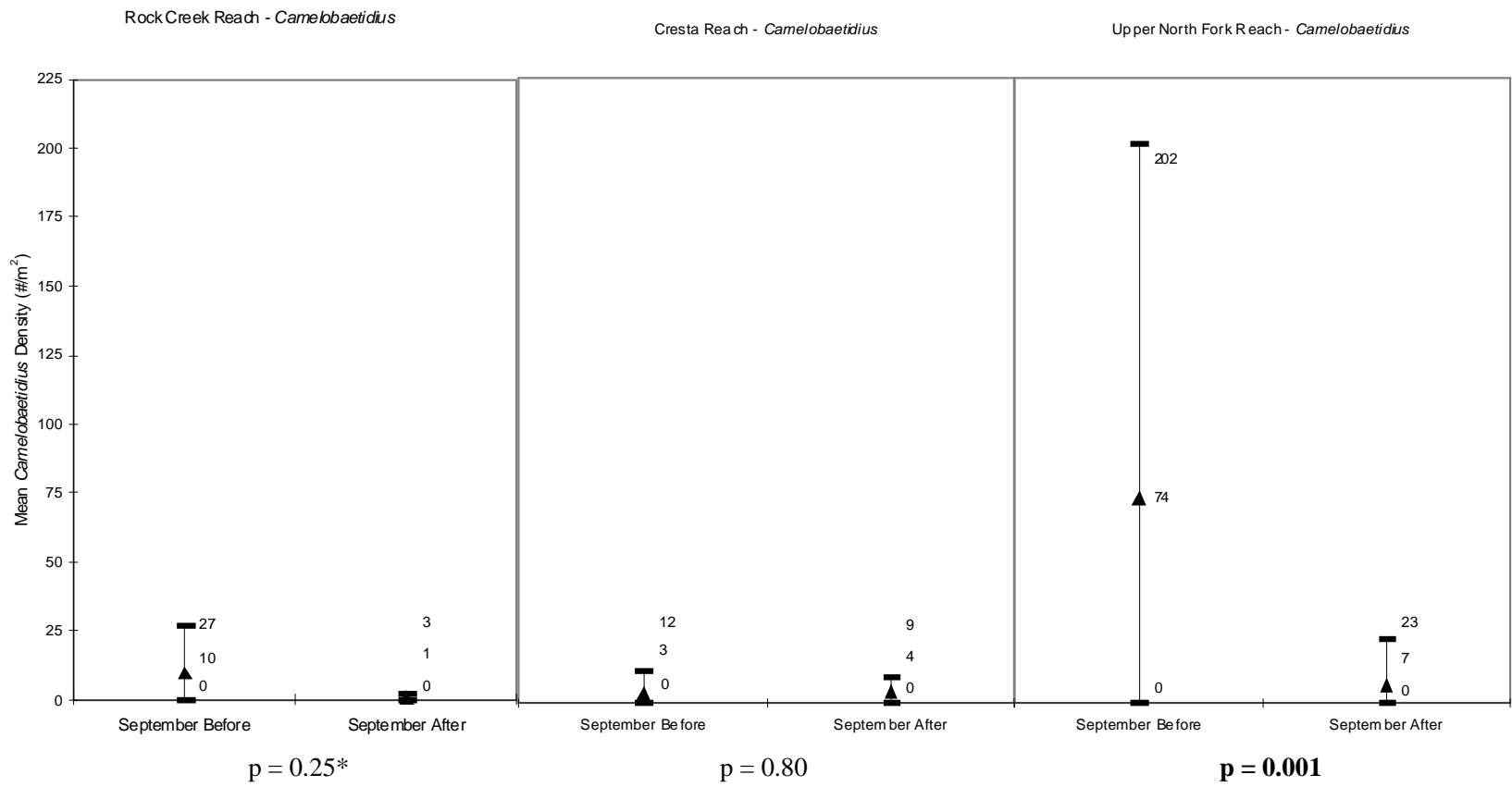
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-51. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



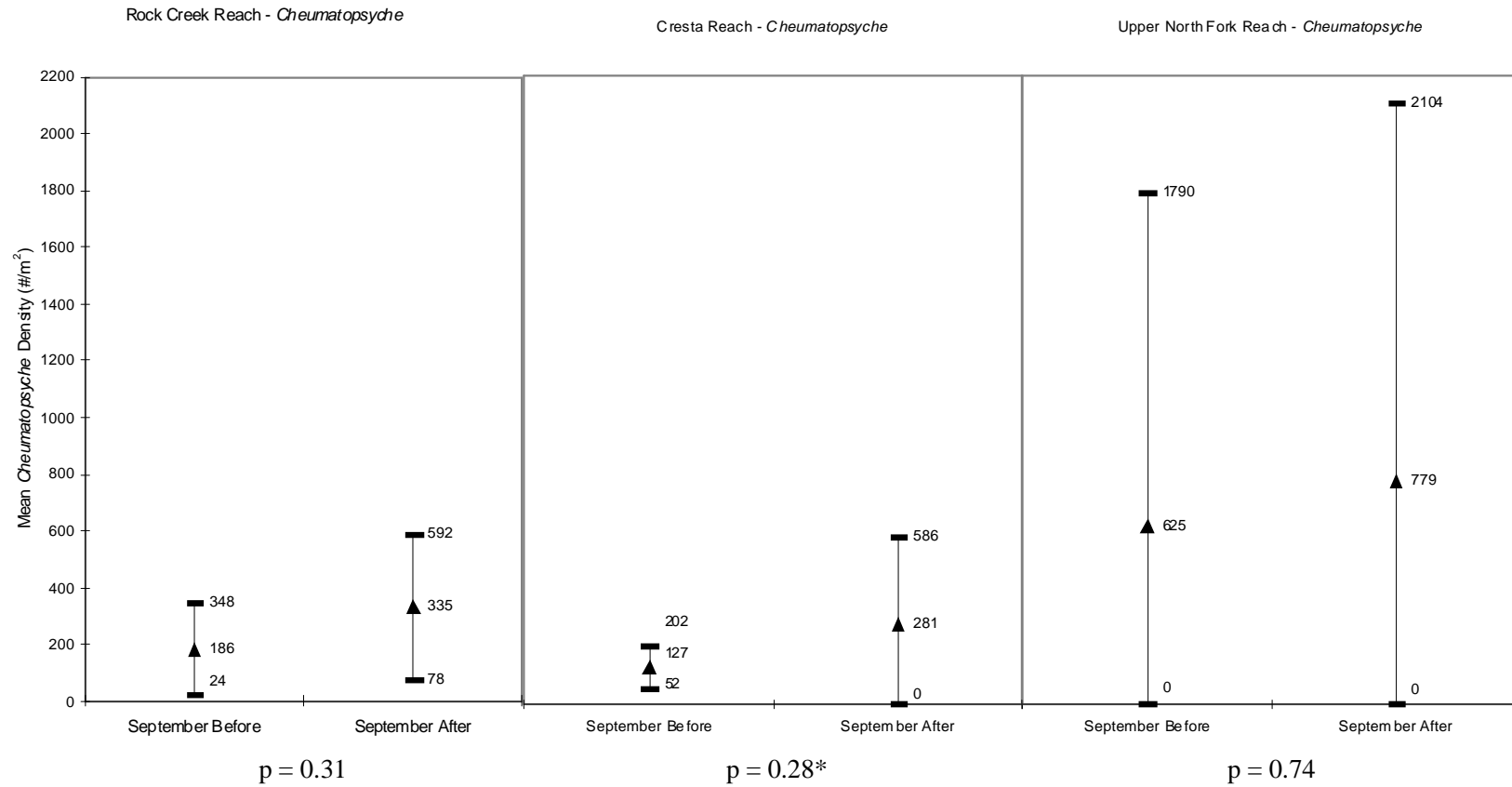
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-52. 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, Two Way-ANOVA, September 2008.



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

Figure 5.2-53. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



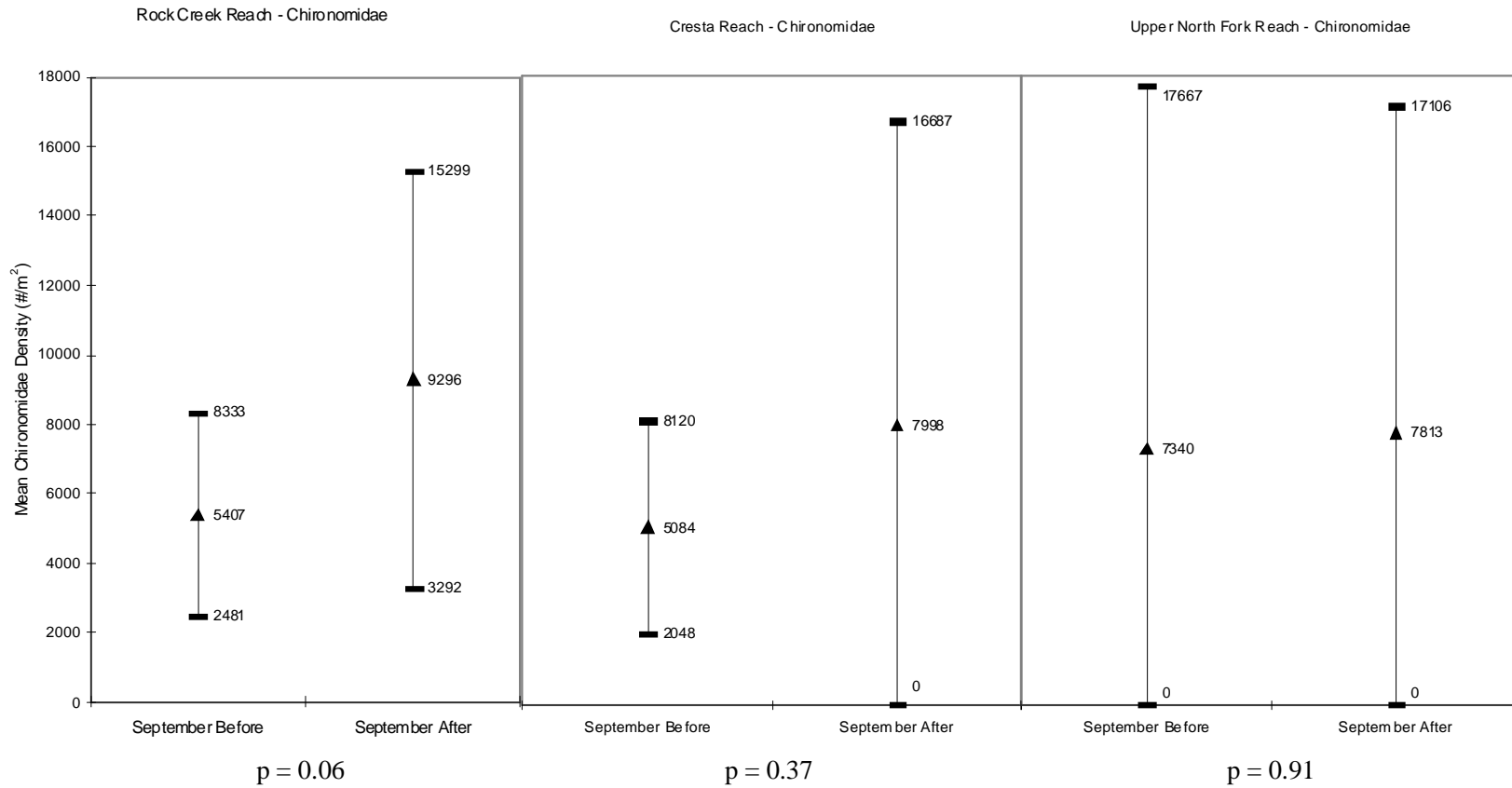
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-54. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



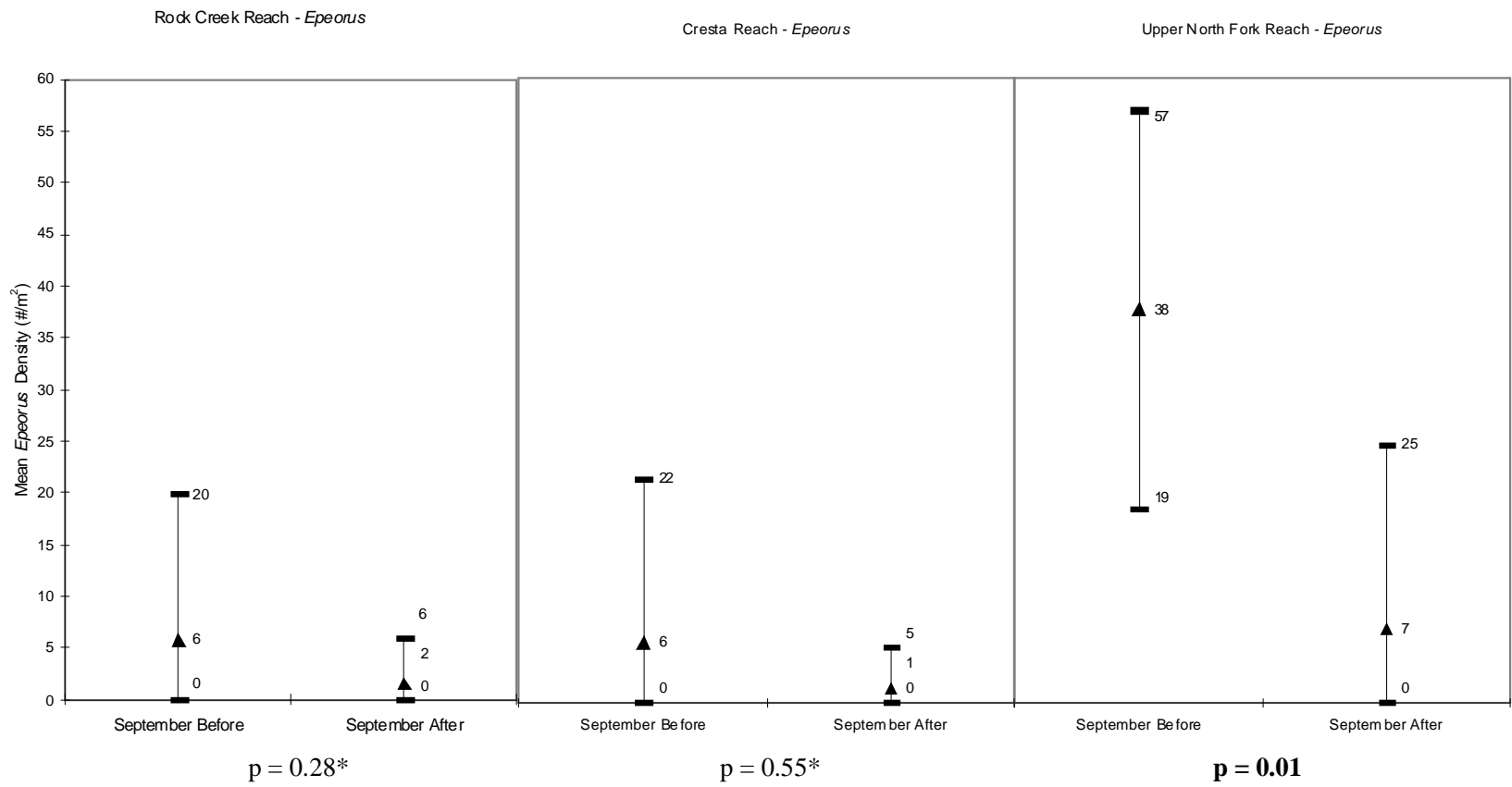
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-55. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



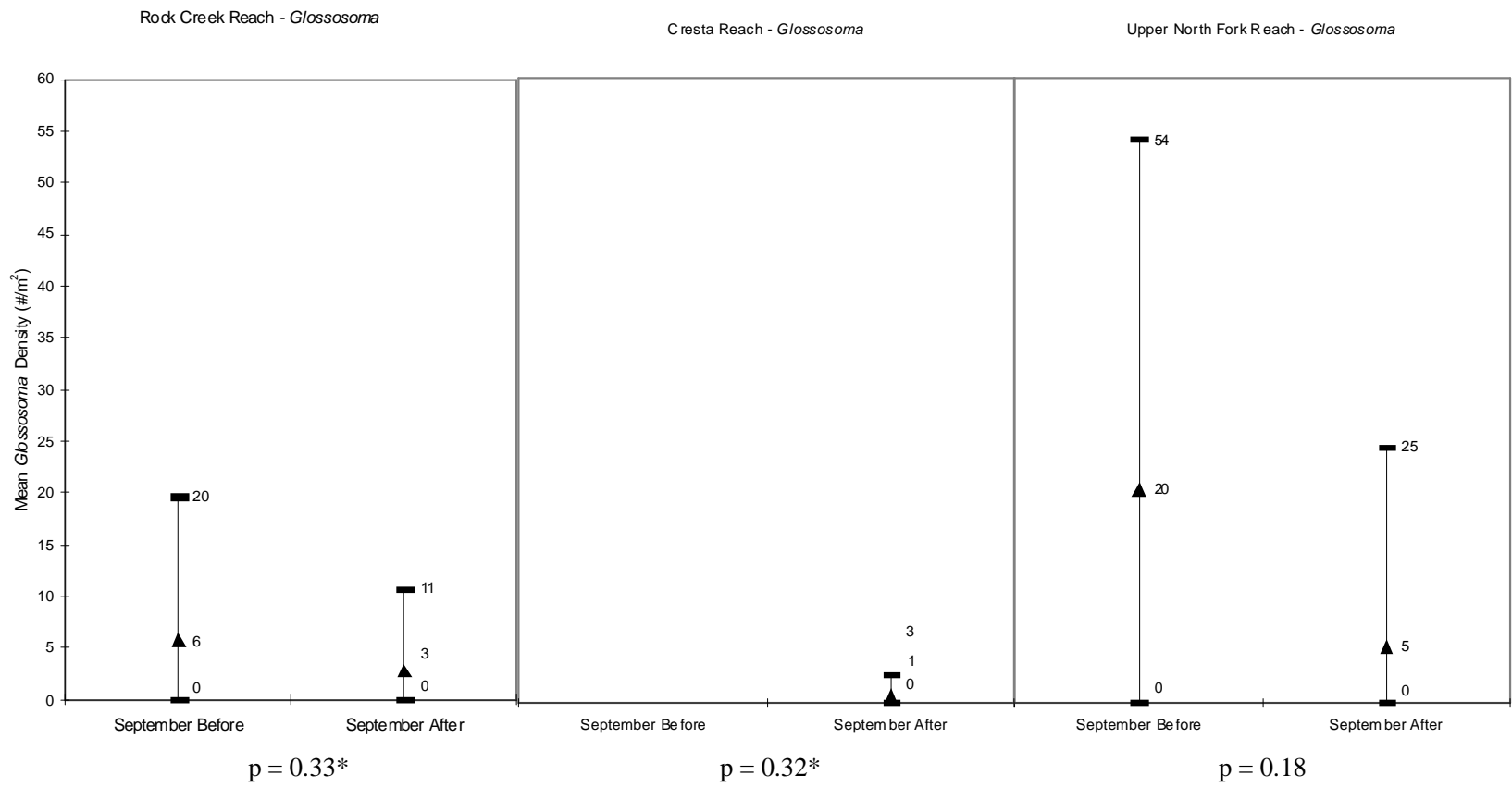
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-56. 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, Two Way-ANOVA, September 2008.



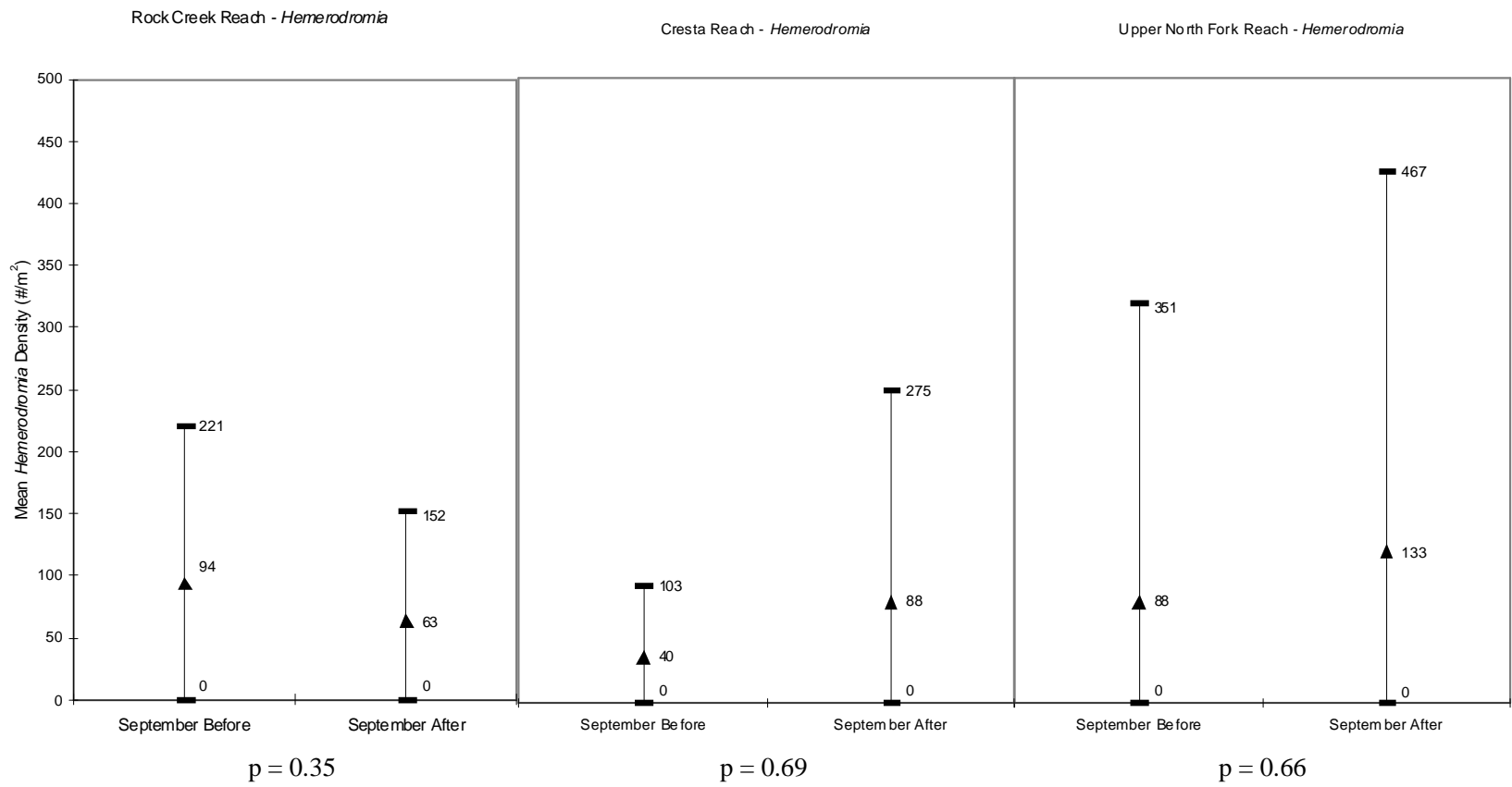
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-57. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



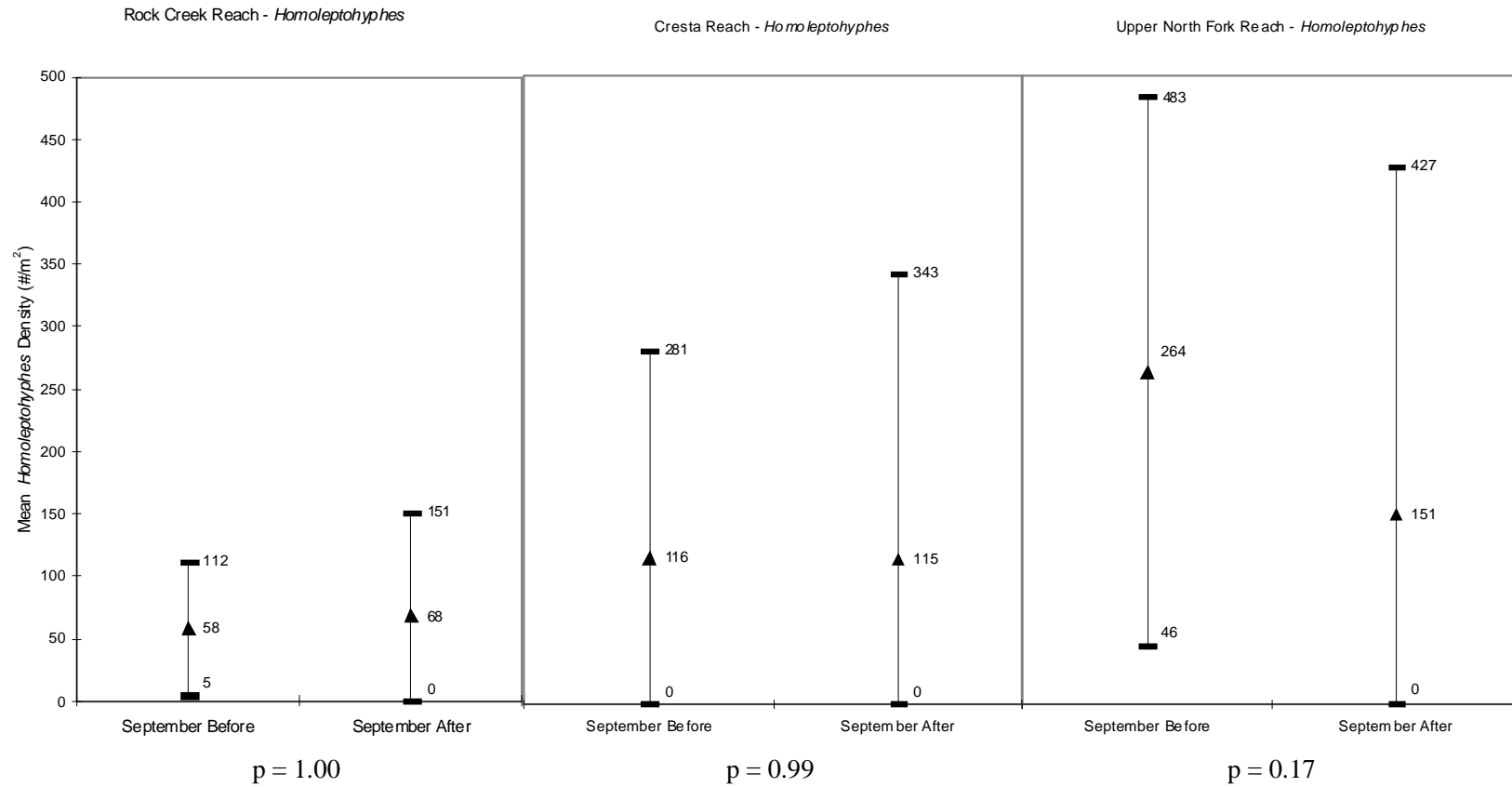
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-58. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



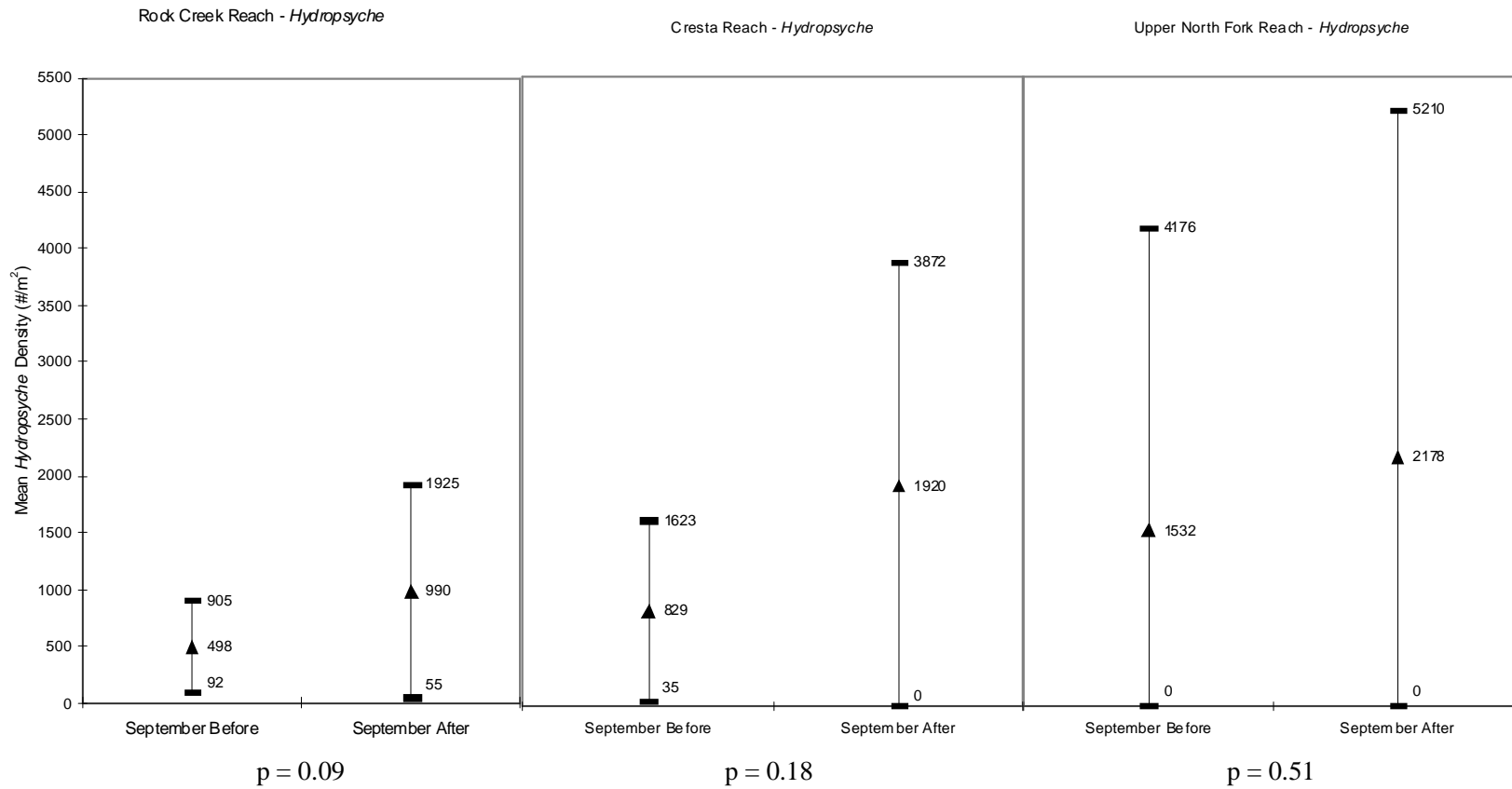
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-59. 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, Two Way-ANOVA, September 2008.



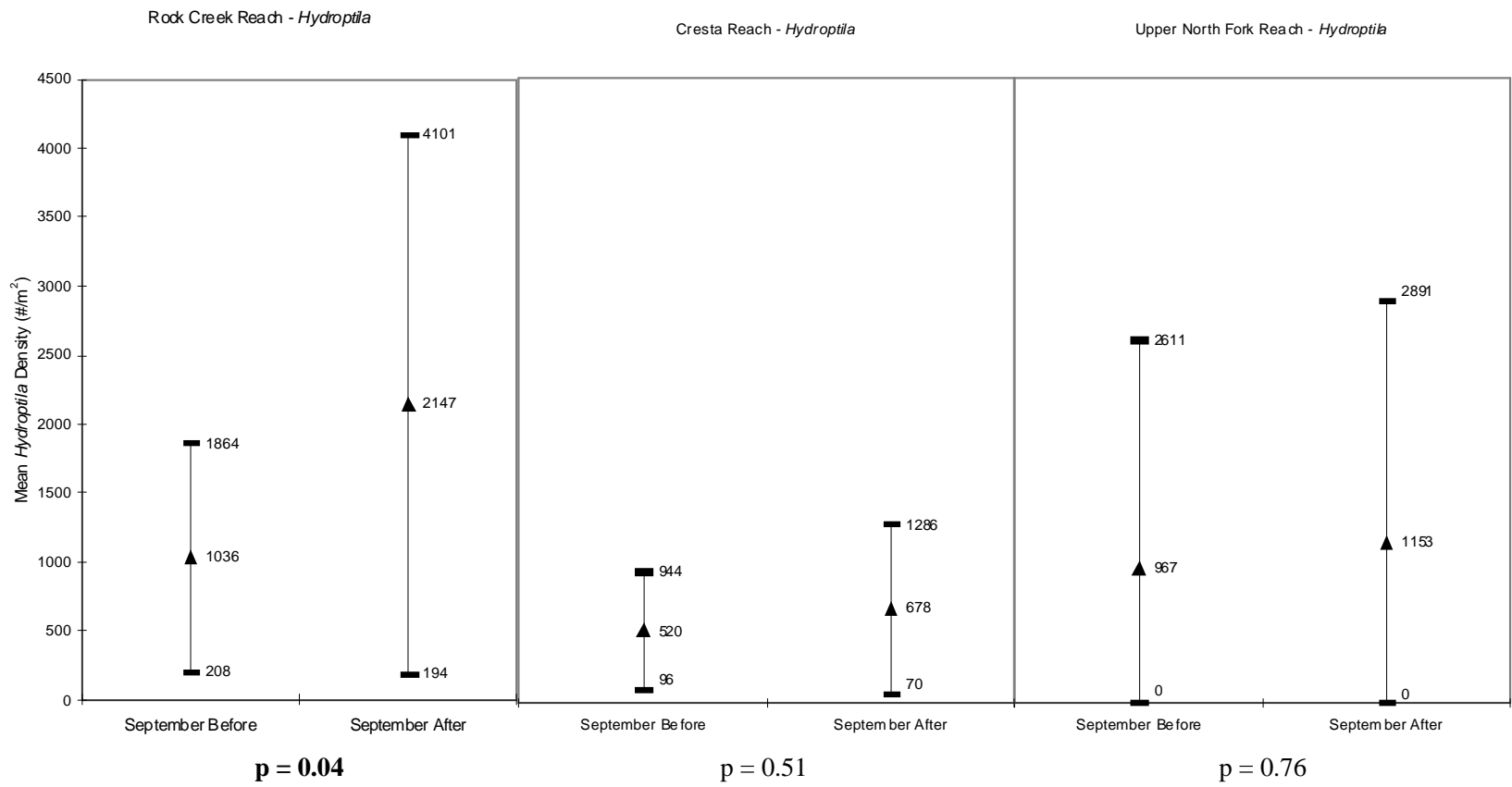
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-60. 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, Two Way-ANOVA, September 2008.



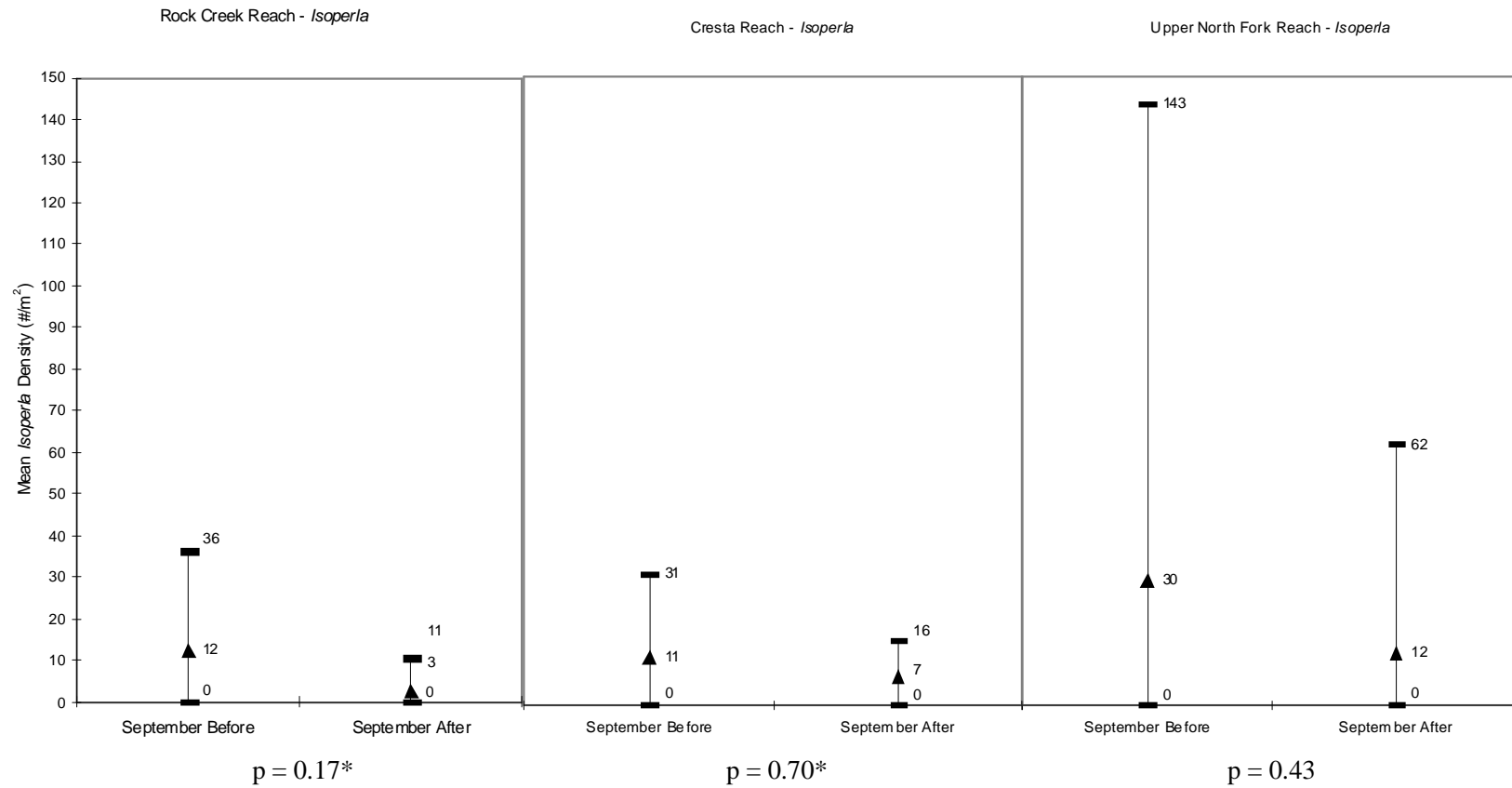
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-61. 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, Two Way-ANOVA, September 2008.



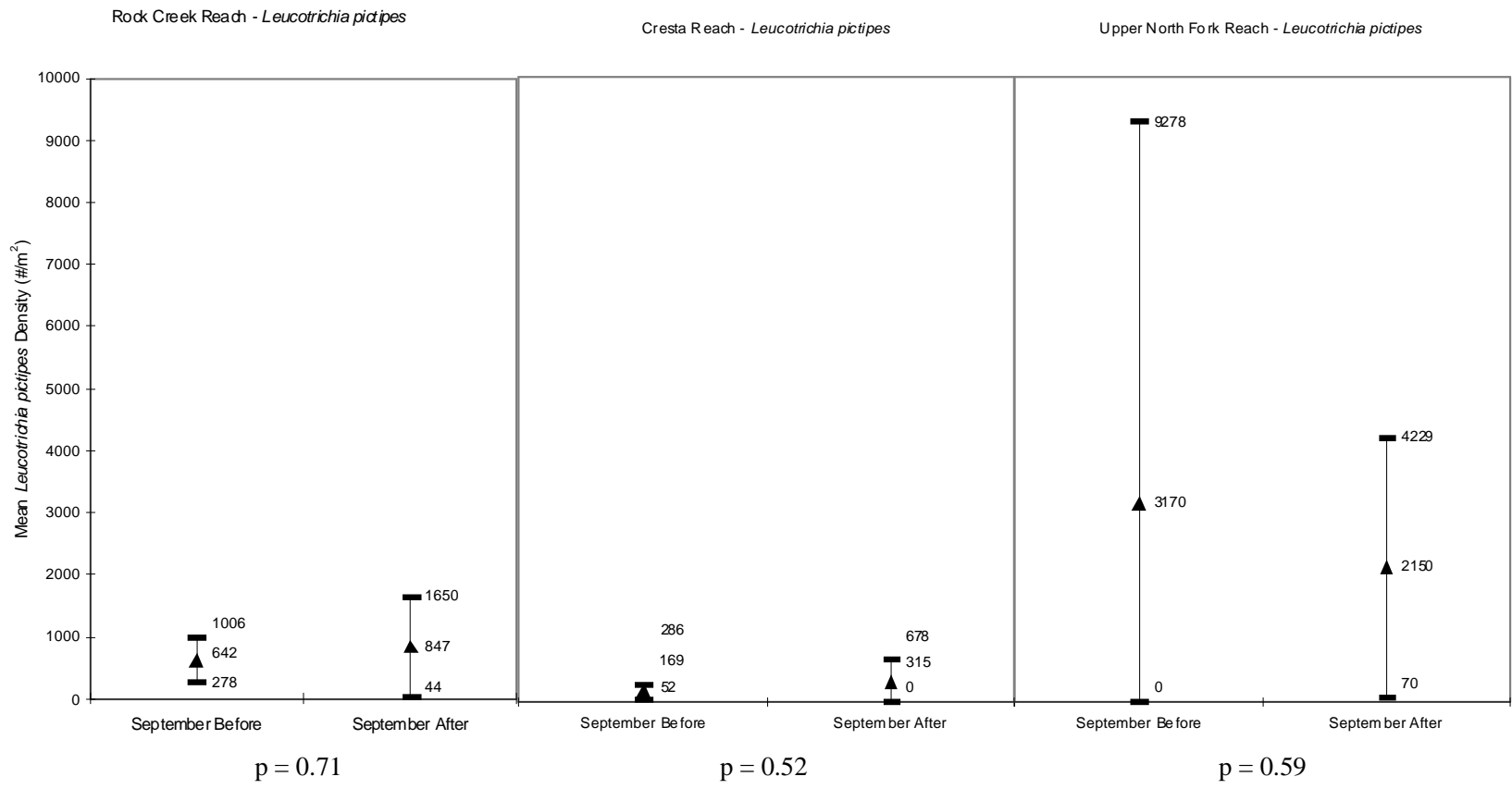
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-62. 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, Two Way-ANOVA, September 2008.



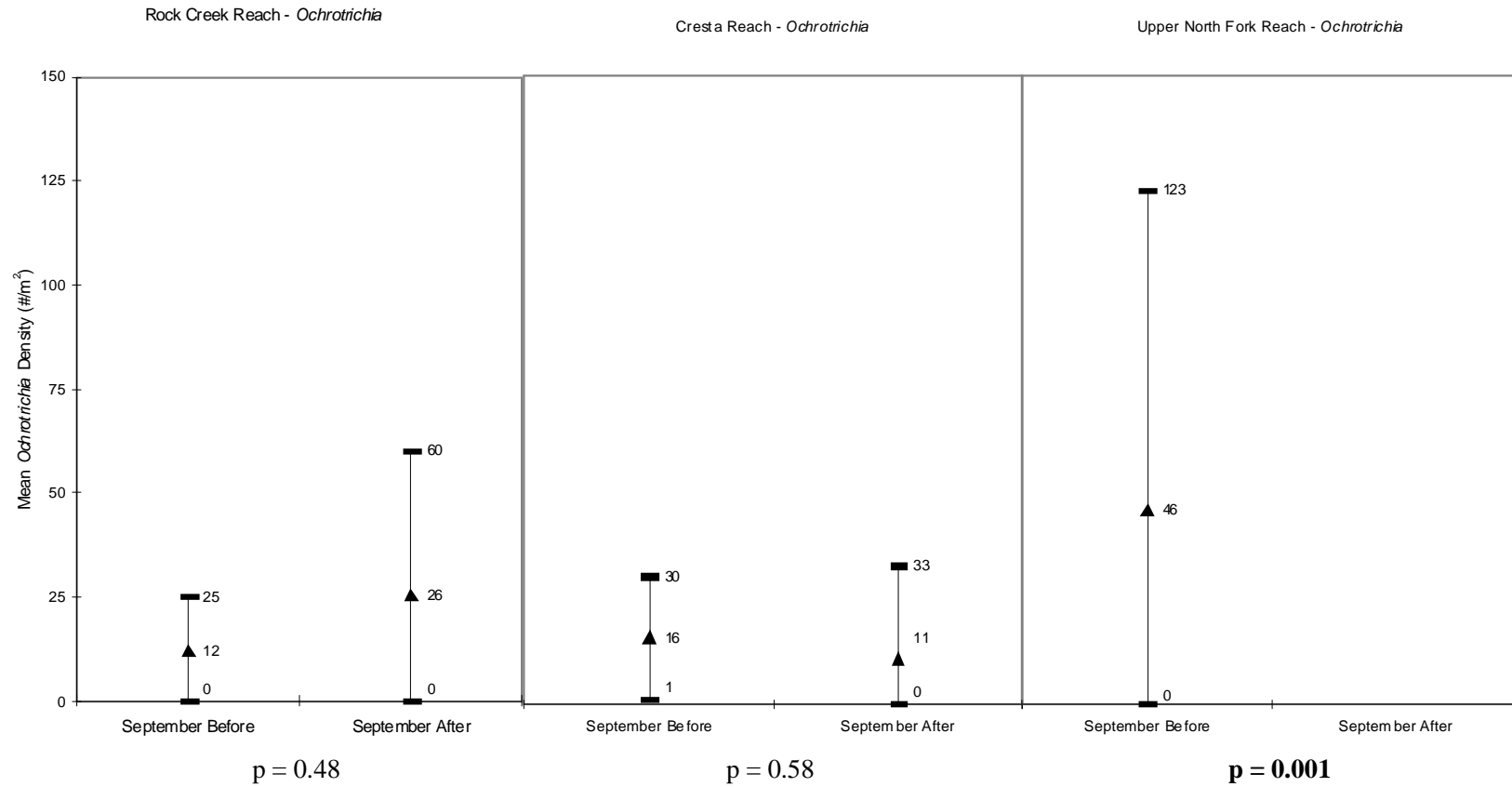
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-63. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



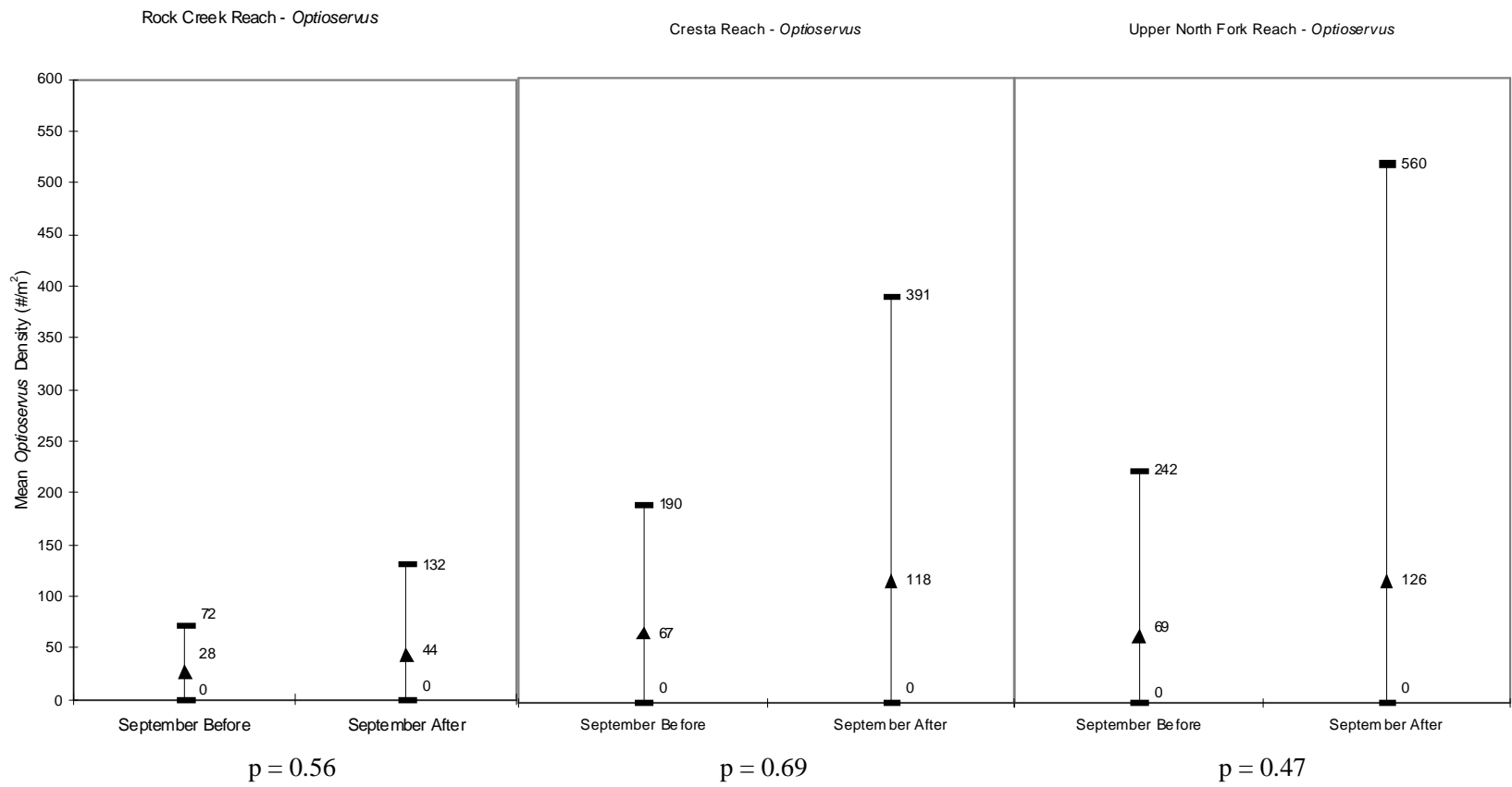
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-64. 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, Two Way-ANOVA, September 2008.



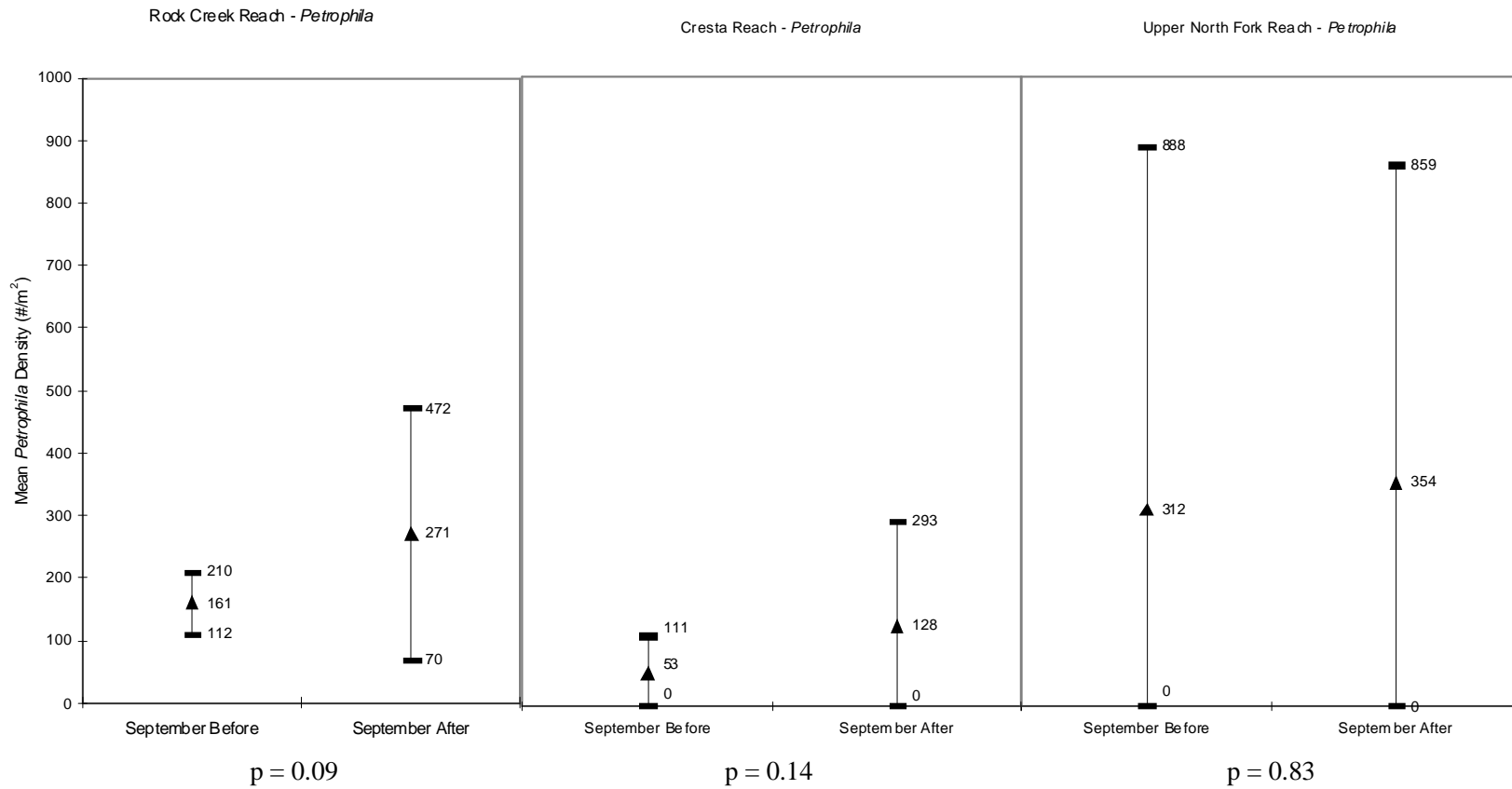
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-65. 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, Two Way-ANOVA, September 2008.



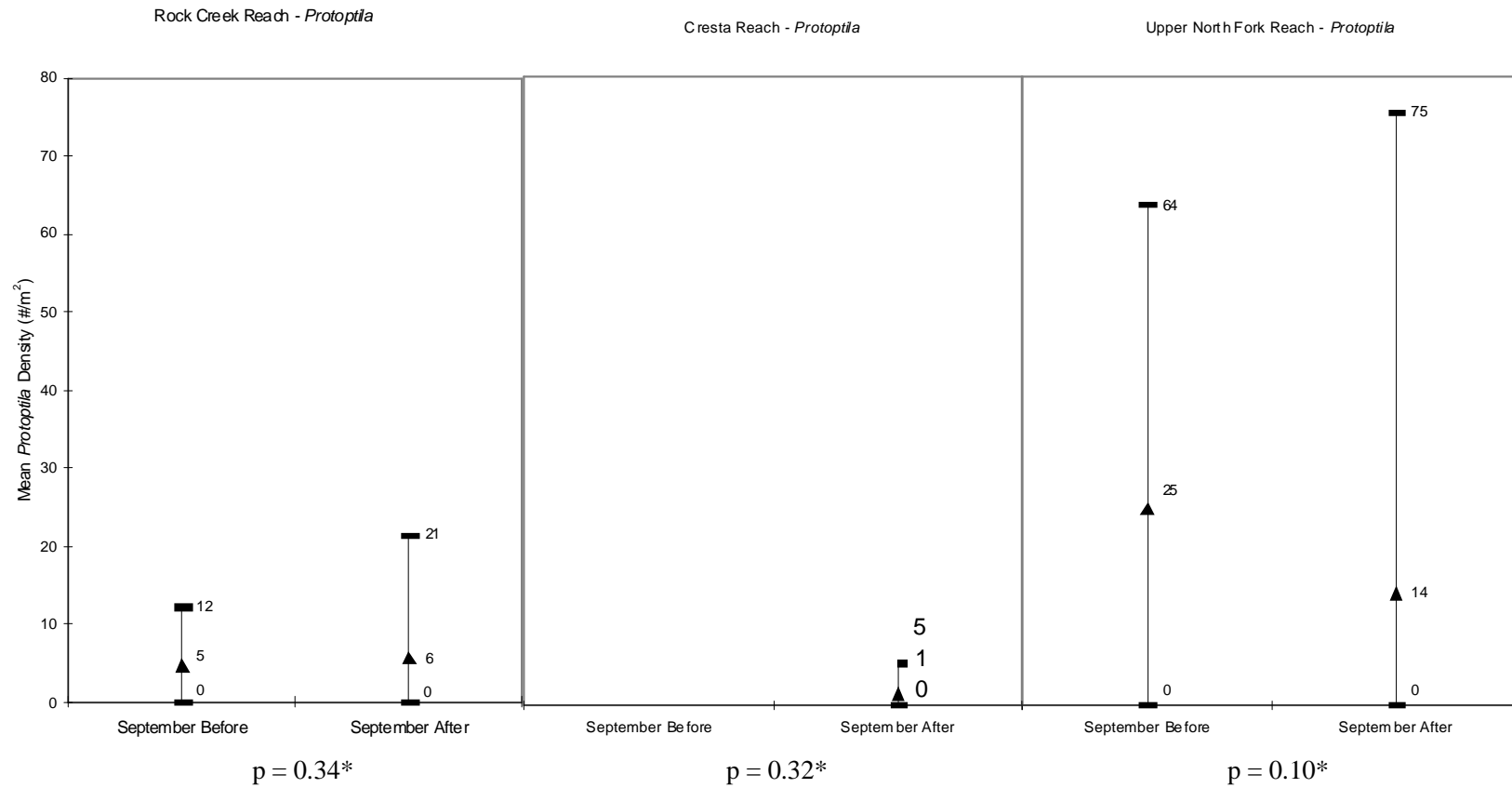
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-66. 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, Two Way-ANOVA, September 2008.



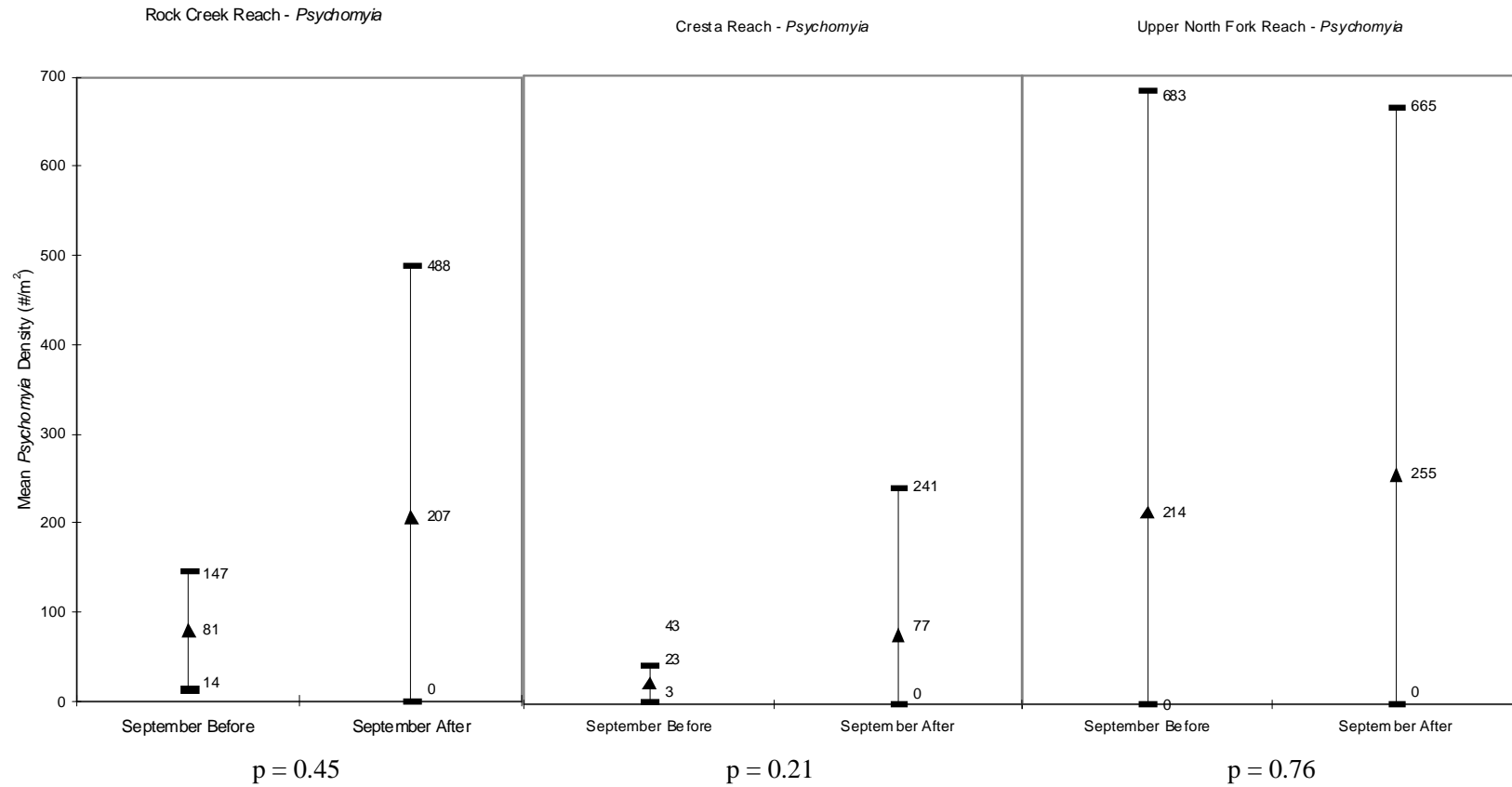
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-67. 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, Two Way-ANOVA, September 2008.



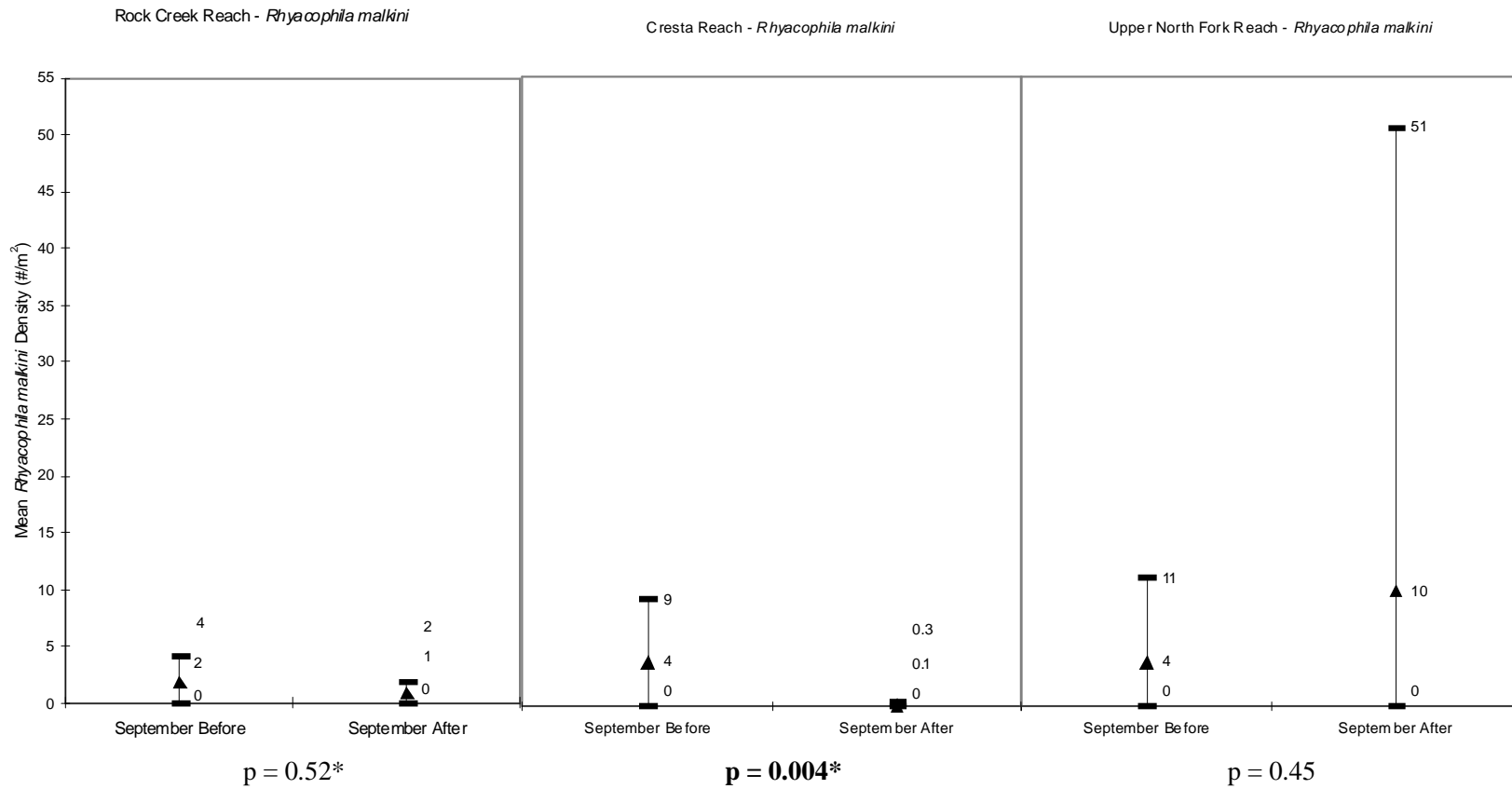
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-68. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



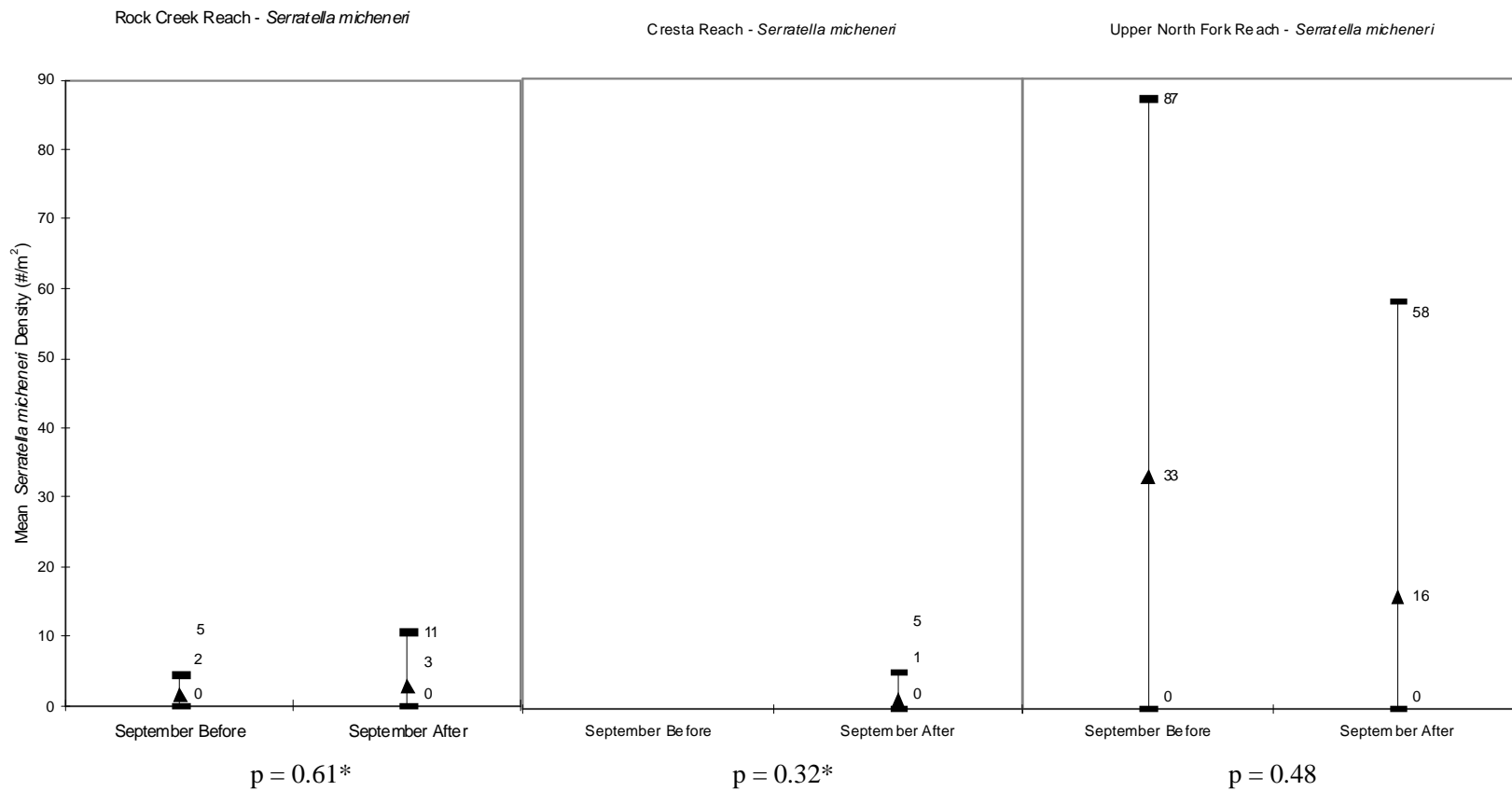
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-69. 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, Two Way-ANOVA, September 2008.



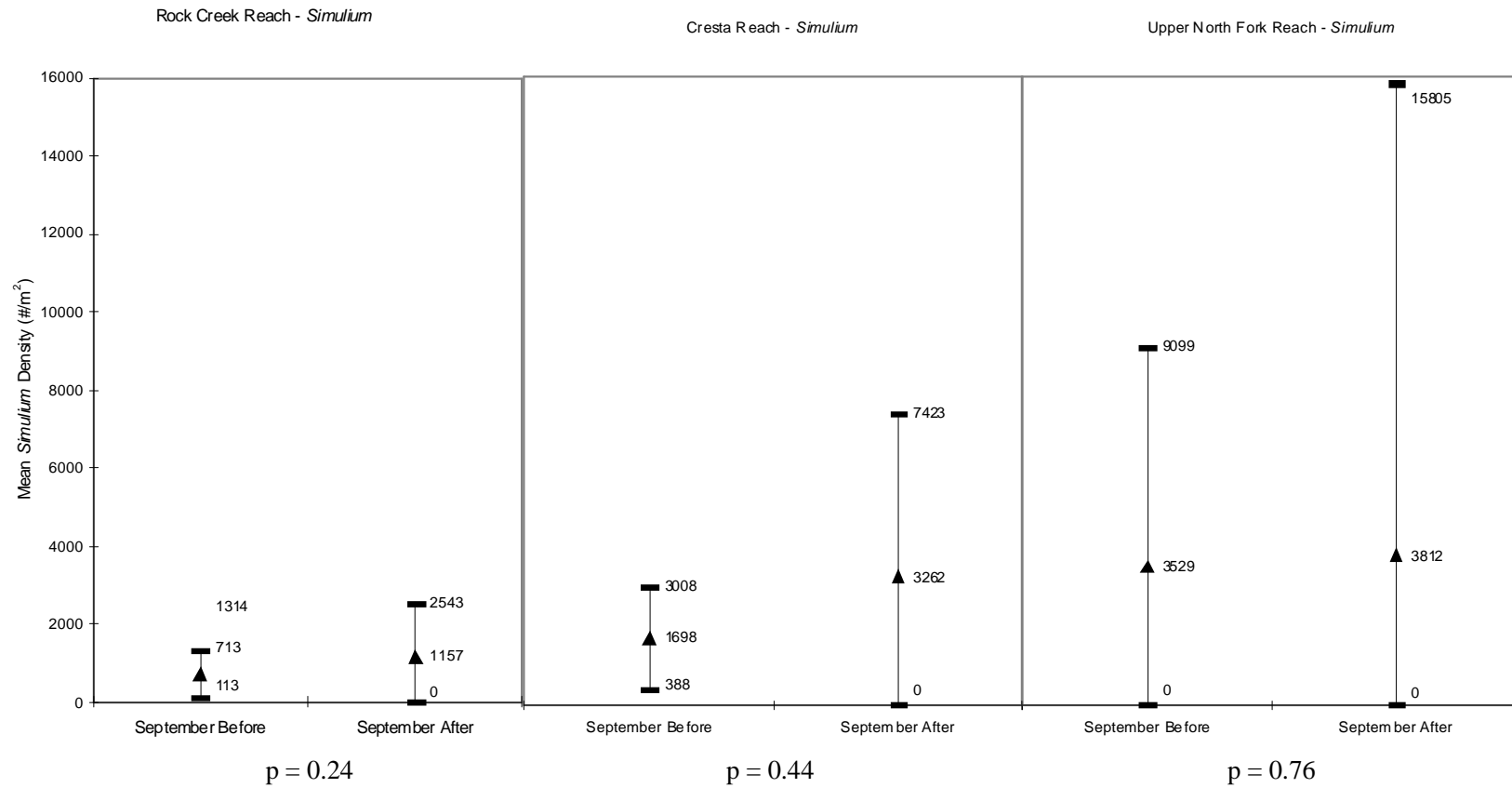
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-70. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



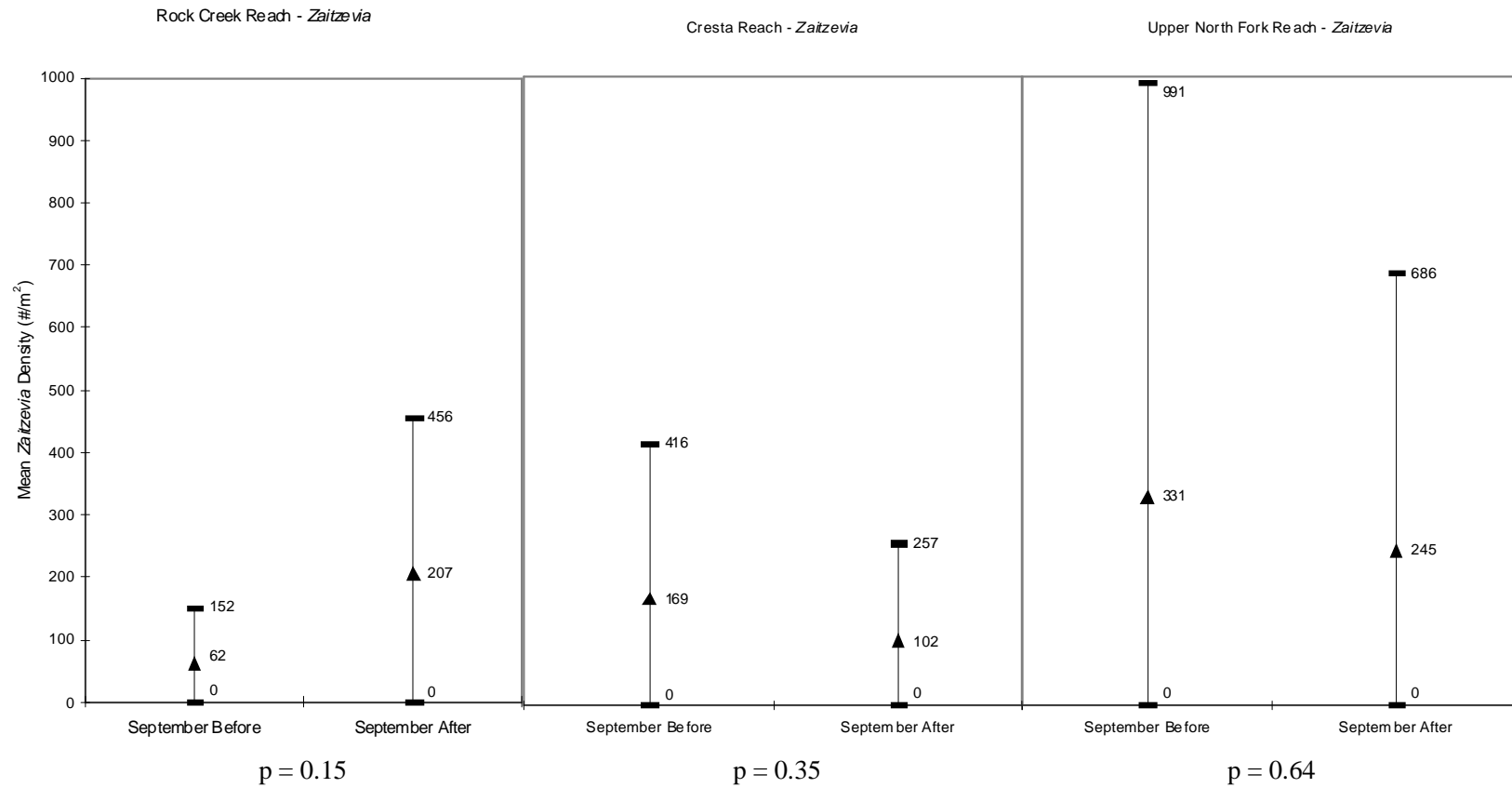
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-71. 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, Two Way-ANOVA, September 2008 (* = Kruskal-Wallis p-value).



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

Figure 5.2-72. 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, Two Way-ANOVA, September 2008.



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

Figure 5.2-73. 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, Two Way-ANOVA, September 2008.

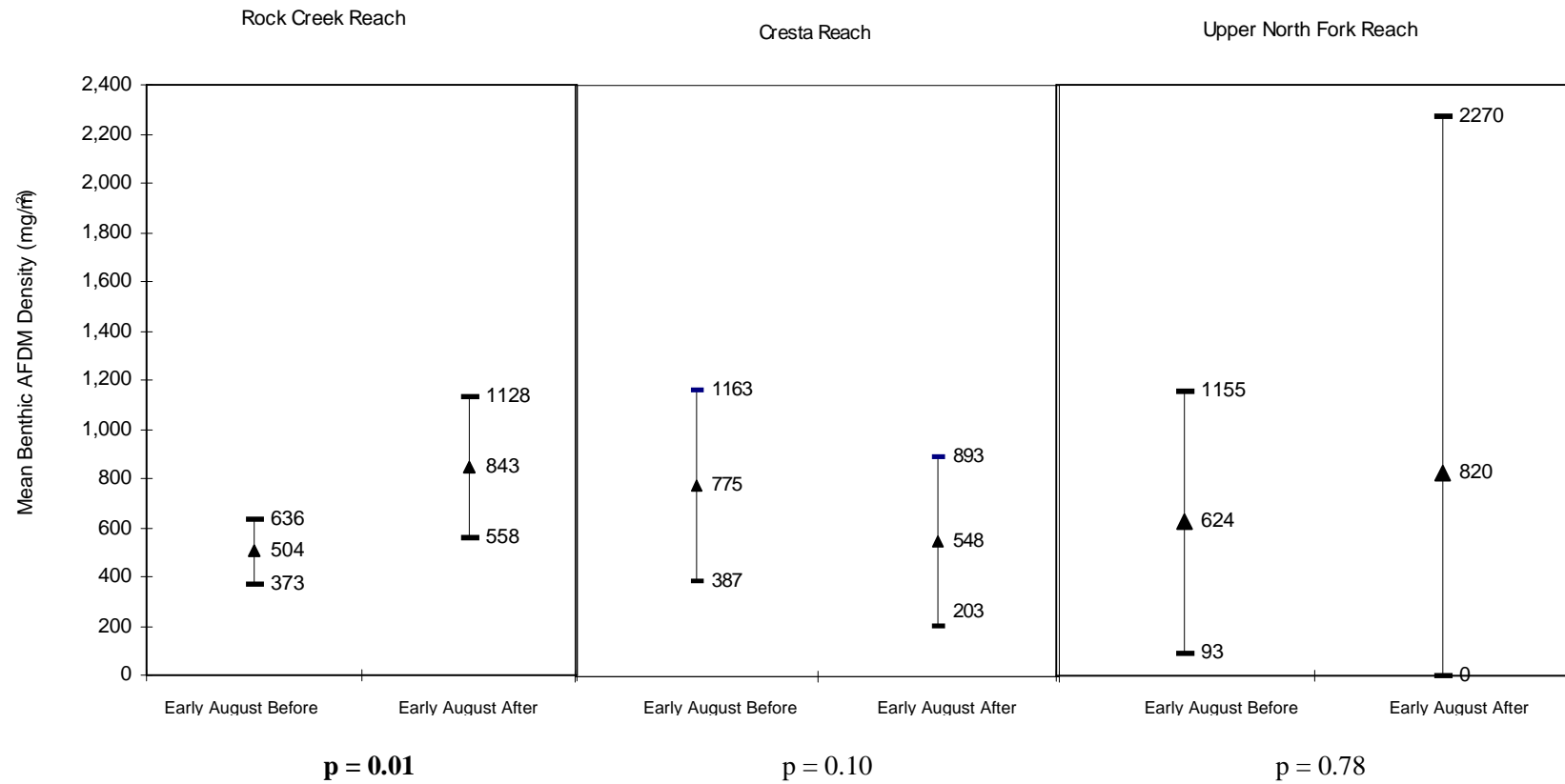


Figure 5.2-74. Mean Total Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.

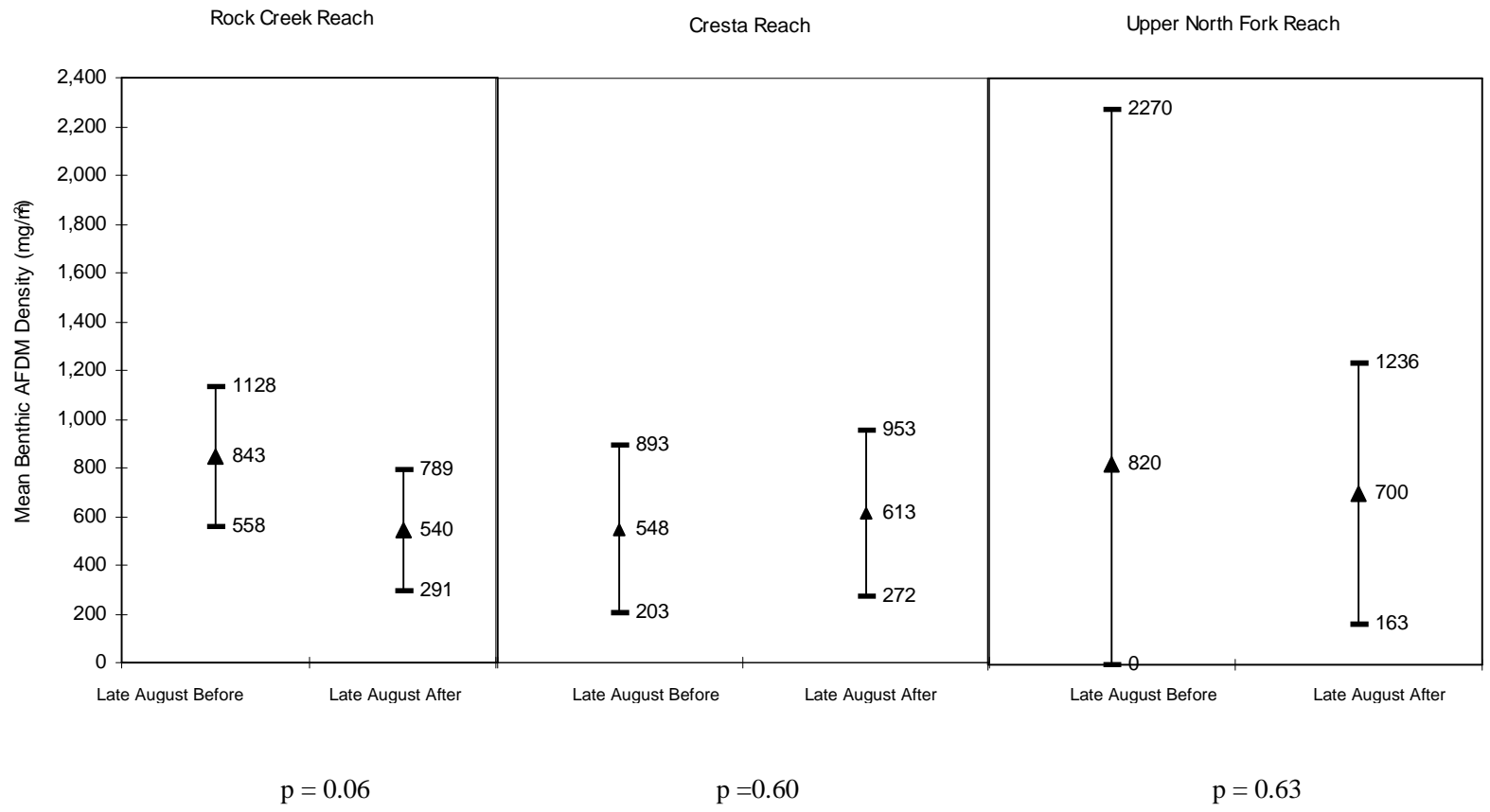


Figure 5.2-75. Mean Total Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.

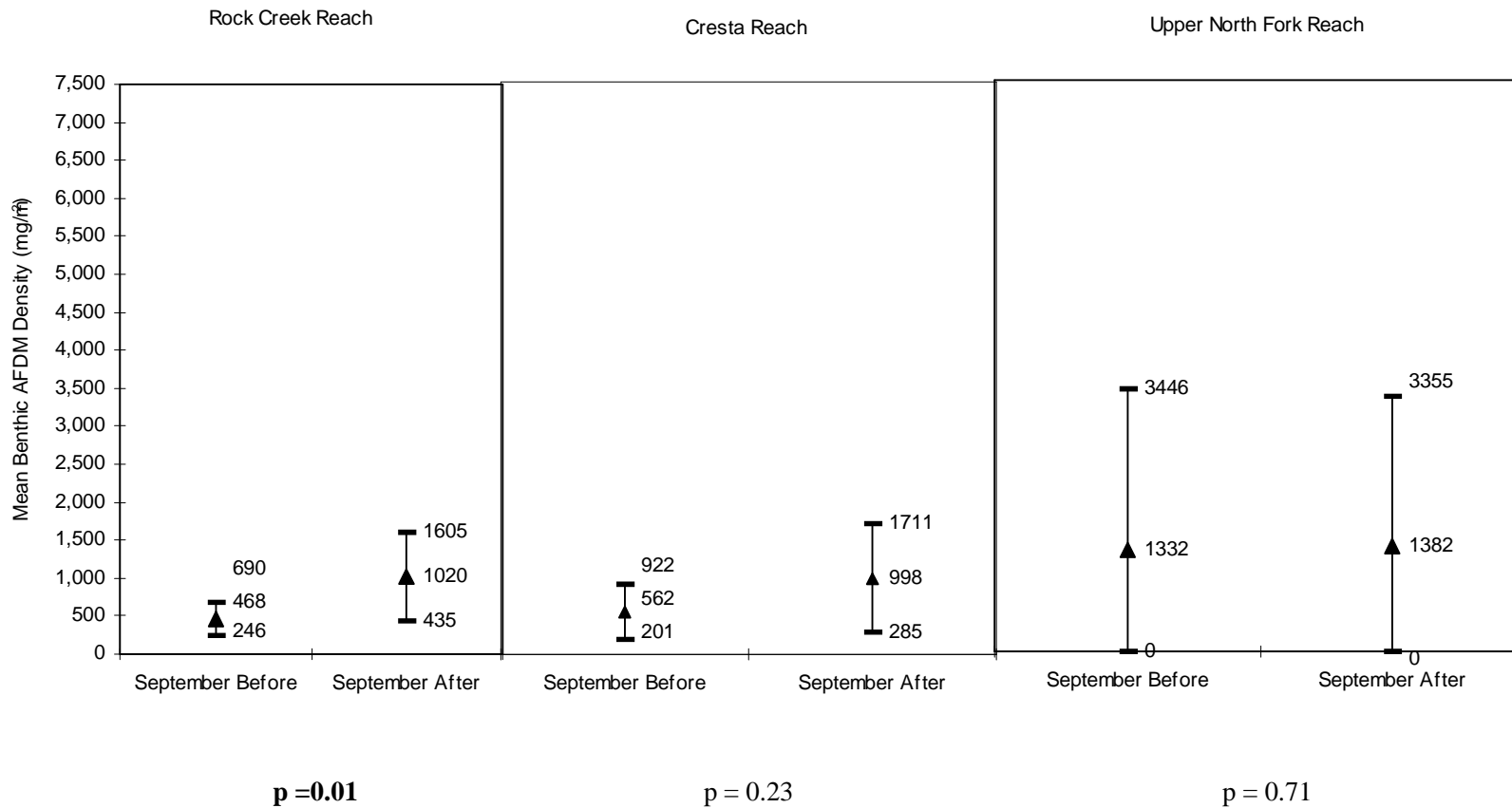


Figure 5.2-76. Mean Total Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.

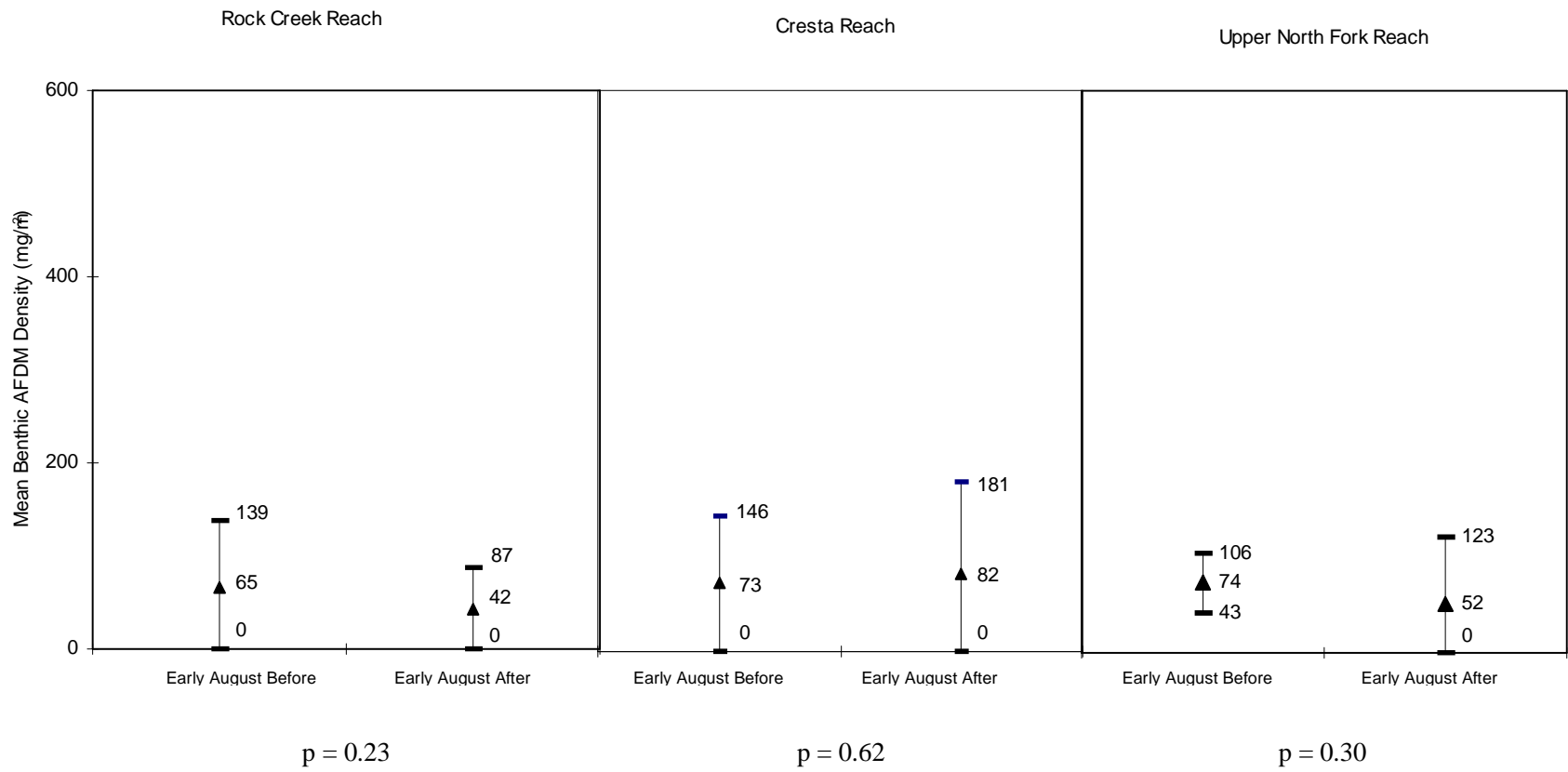


Figure 5.2-77. Mean Large Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.

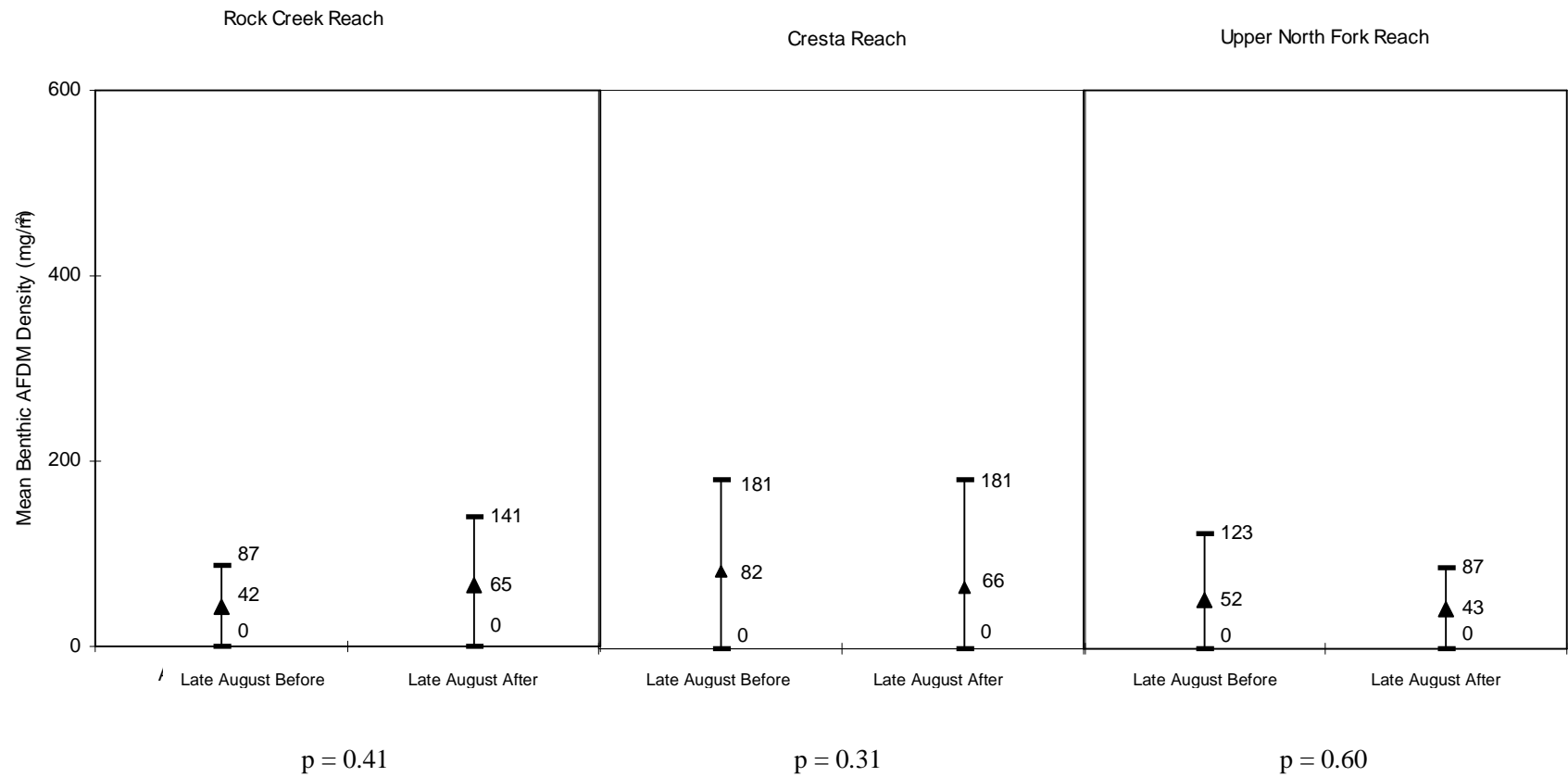


Figure 5.2-78. Mean Large Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.

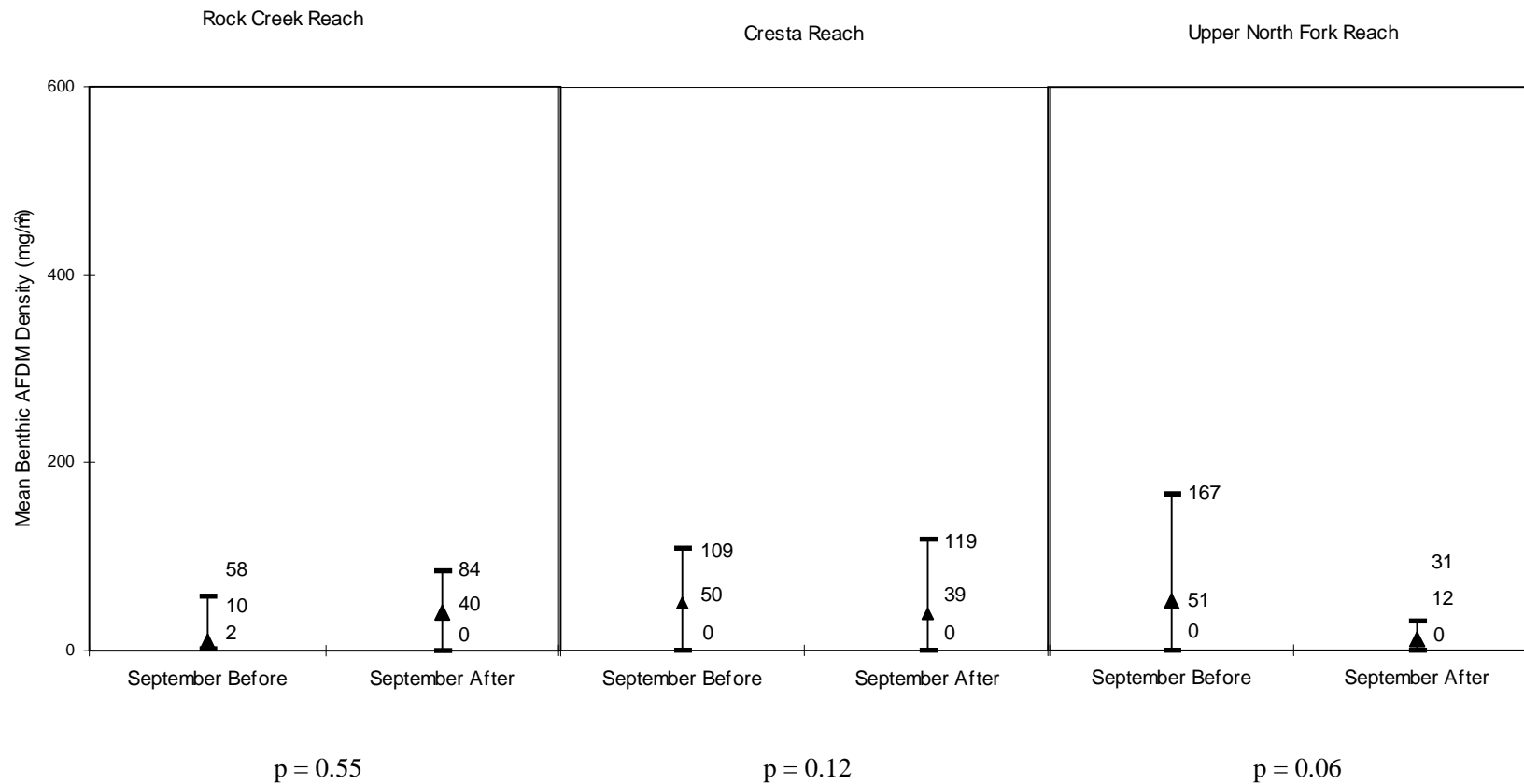


Figure 5.2-79. Mean Large Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.

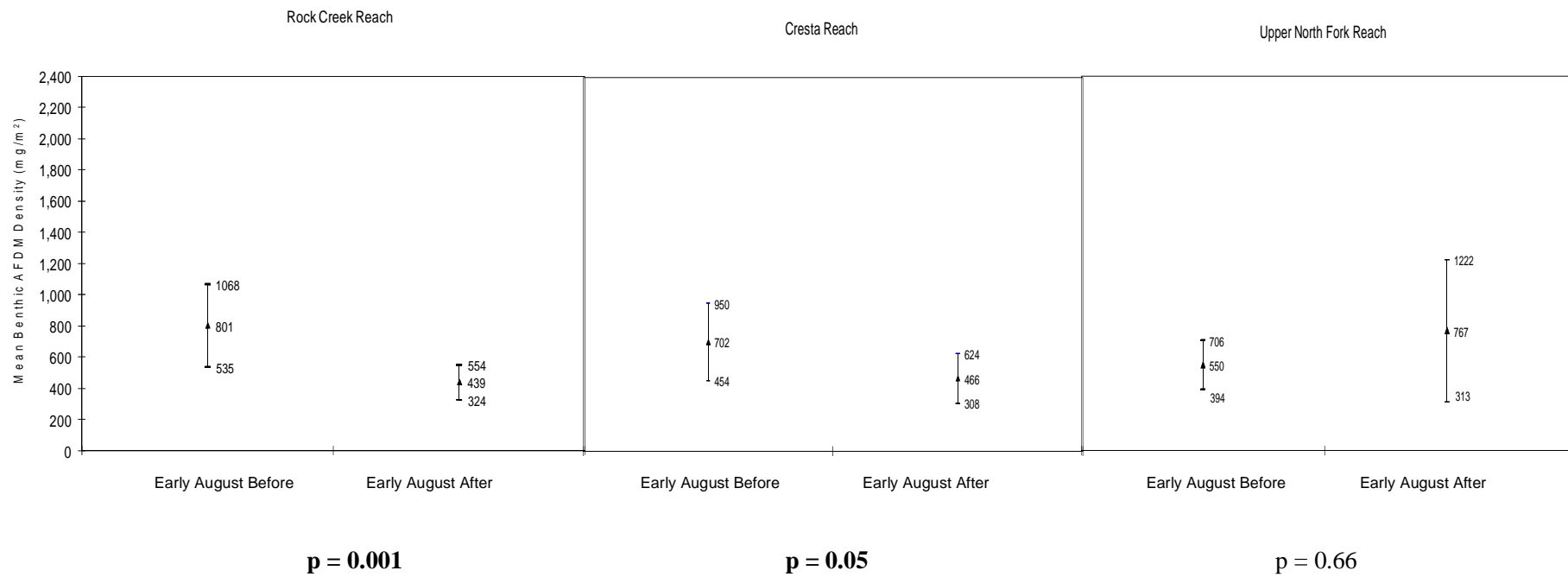


Figure 5.2-80. Mean Small Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.

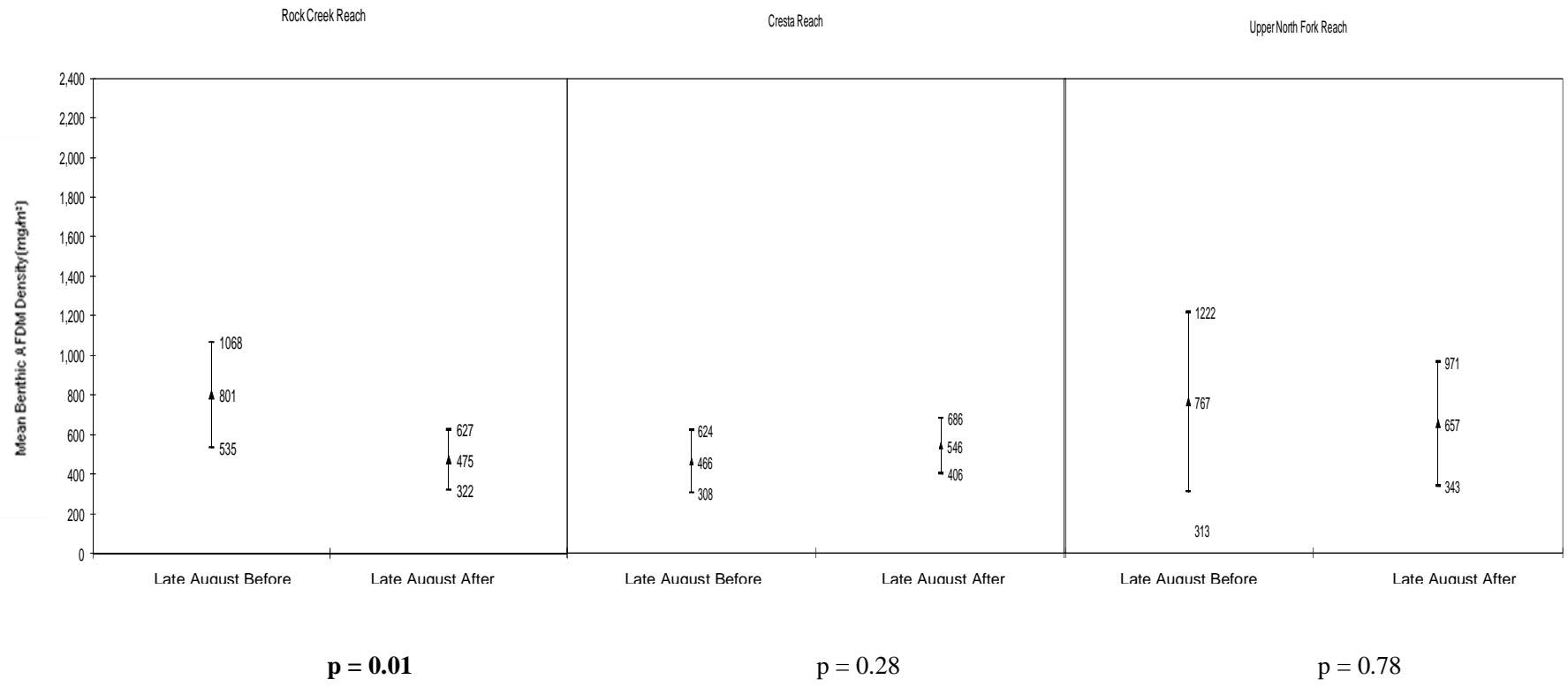


Figure 5.2-81. Mean Small Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.

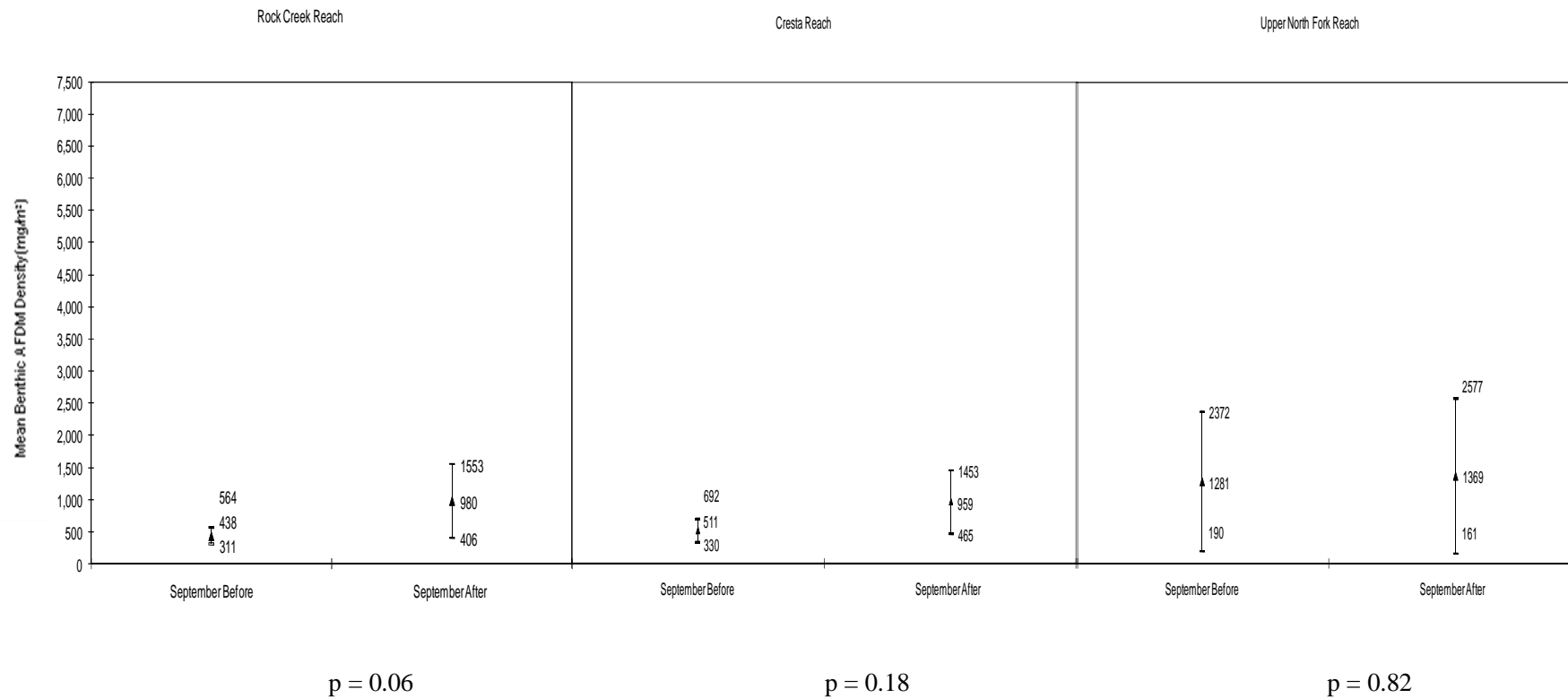
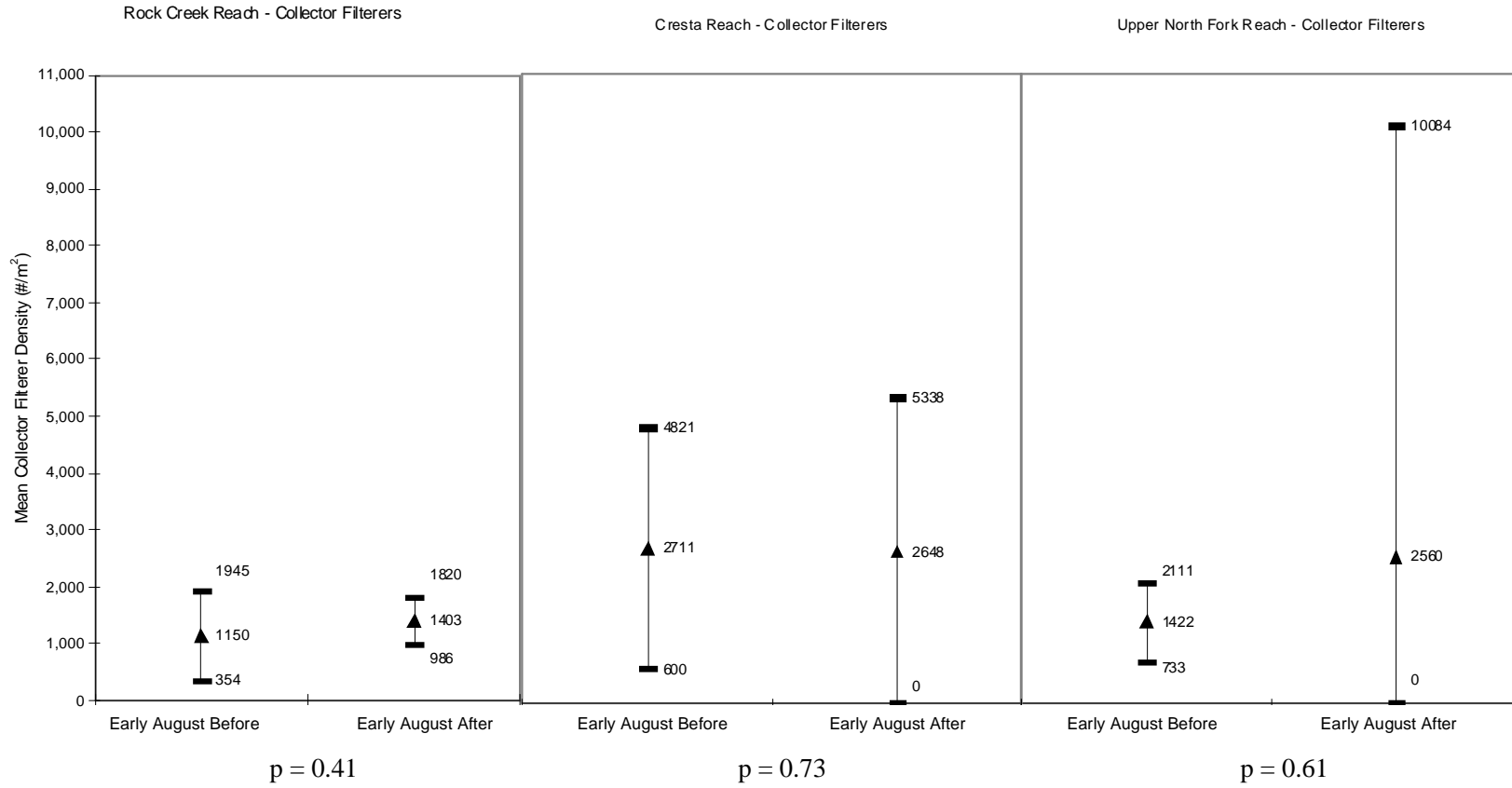
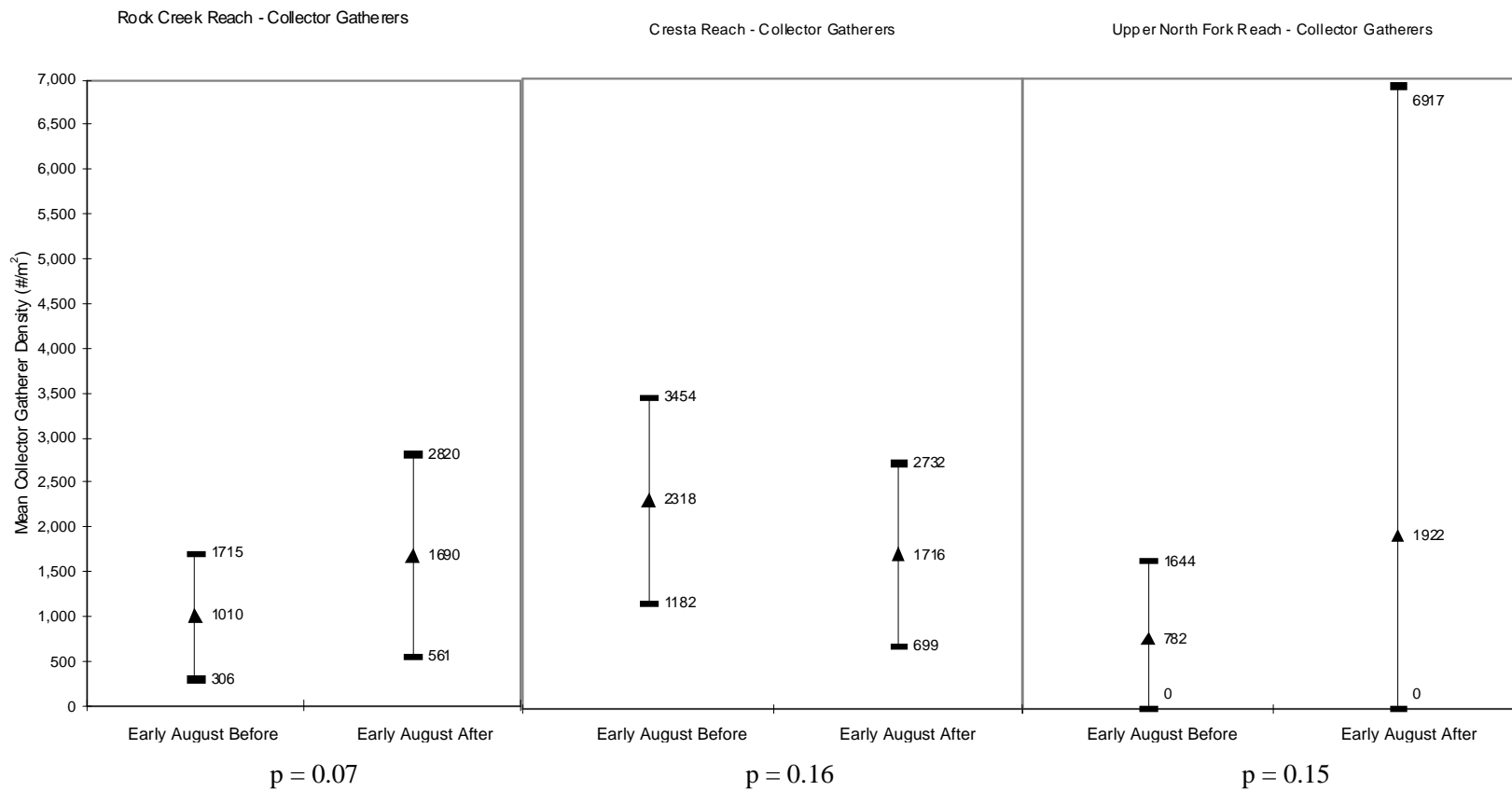


Figure 5.2-82. Mean Small Macroinvertebrate AFDM a Density with 95 Percent Confidence Intervals in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



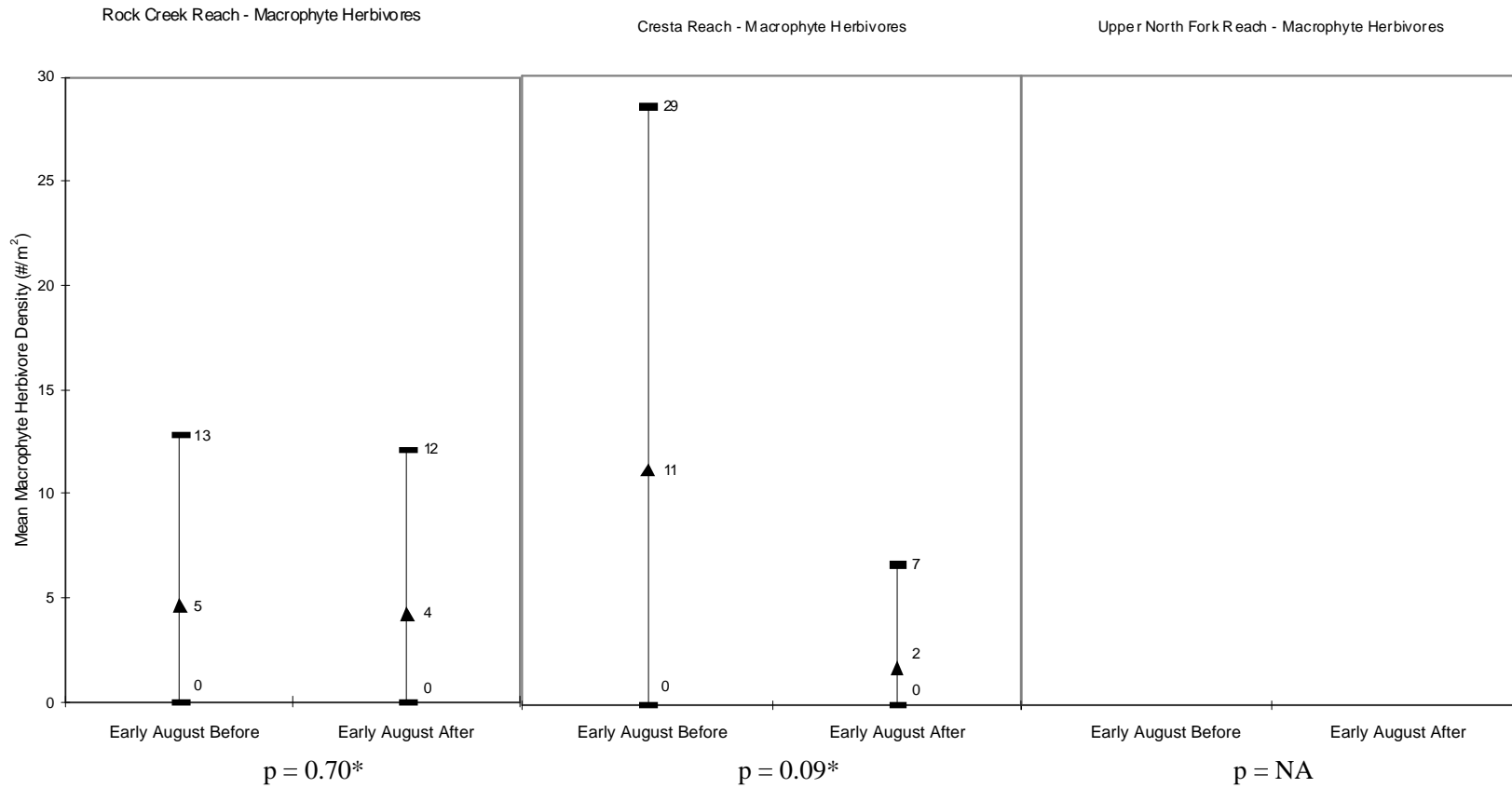
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-83. Mean Functional-Feeding Group Density for Collector Filterer 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, Early August 2008.



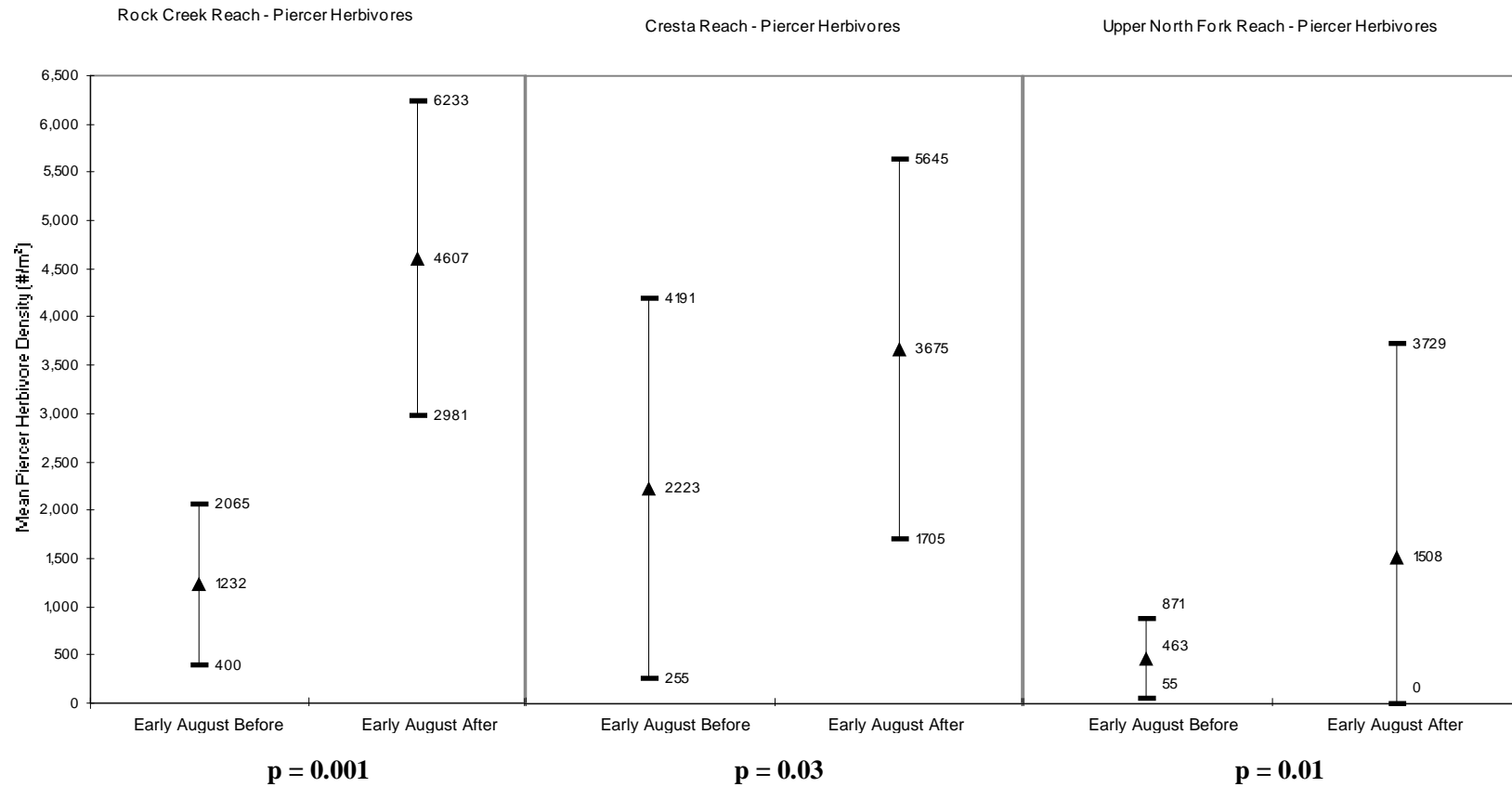
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-84. Mean Functional-Feeding Group Density for Collector Gatherer 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, Early August 2008.



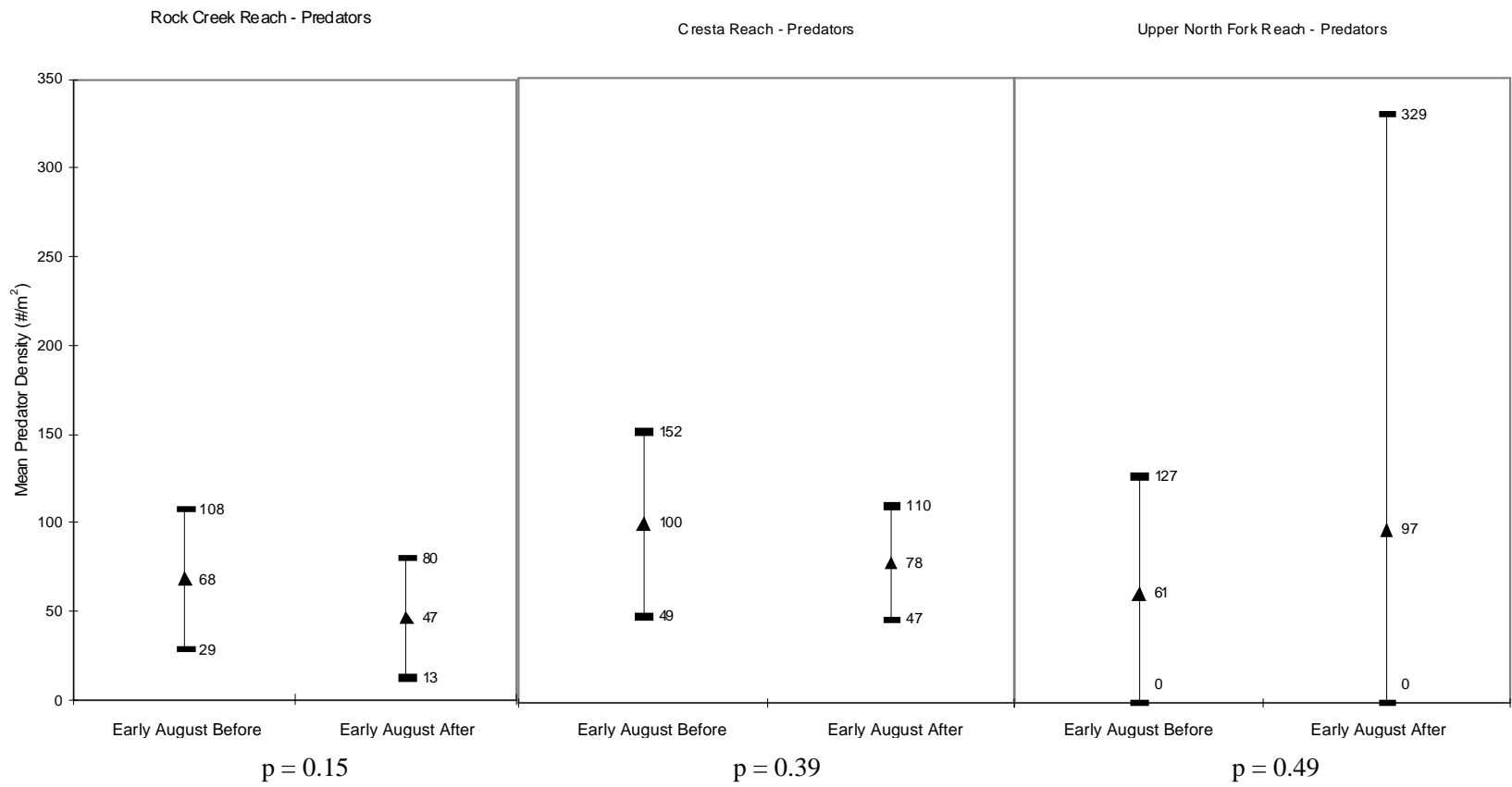
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-85. Mean Functional-Feeding Group Density for Macrophyte Herbivore 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, Early August 2008 (* = Kruskal-Wallis p-value).



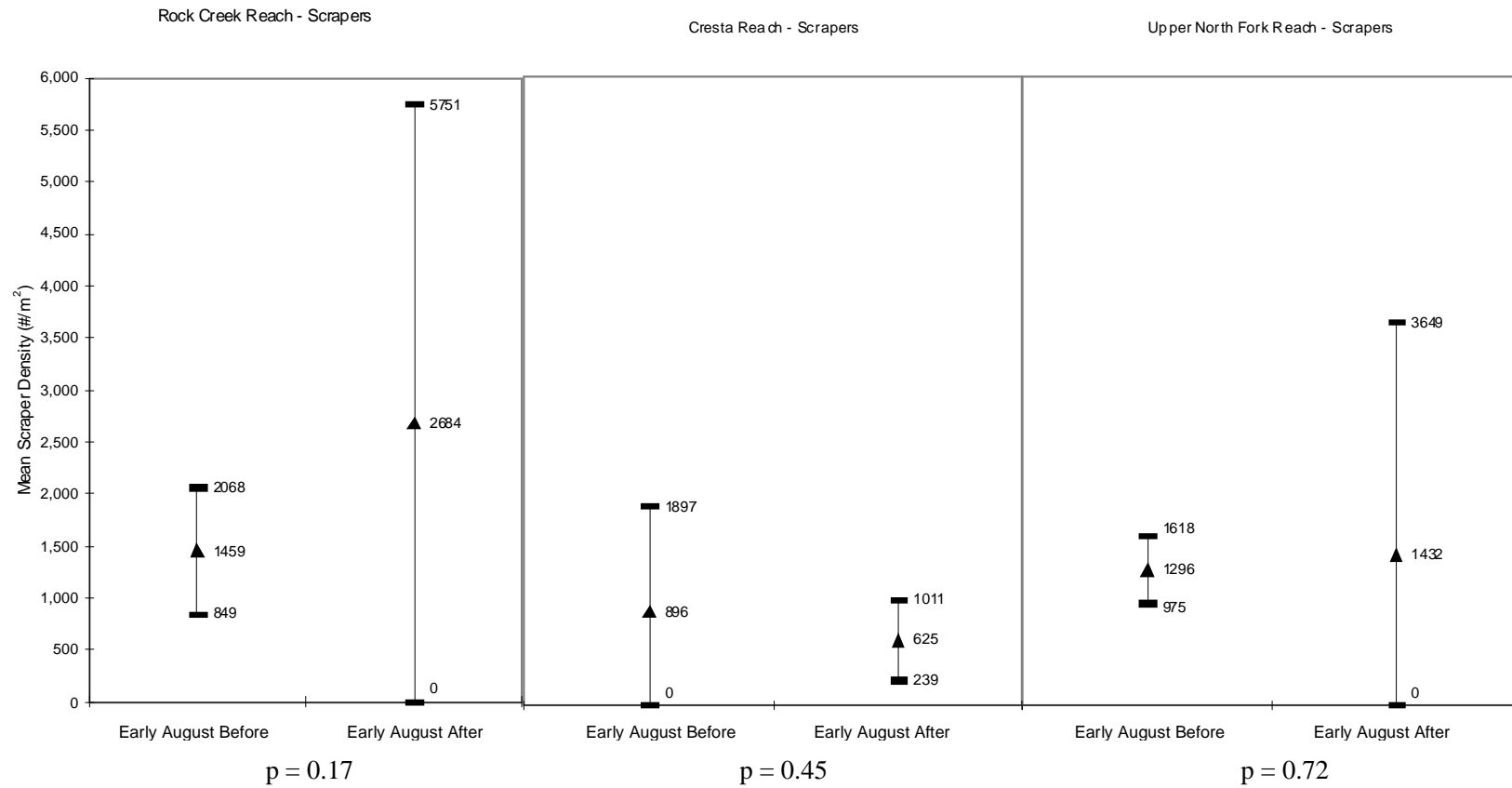
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-86. Mean Functional-Feeding Group Density for Piercer Herbivore 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, Early August 2008.



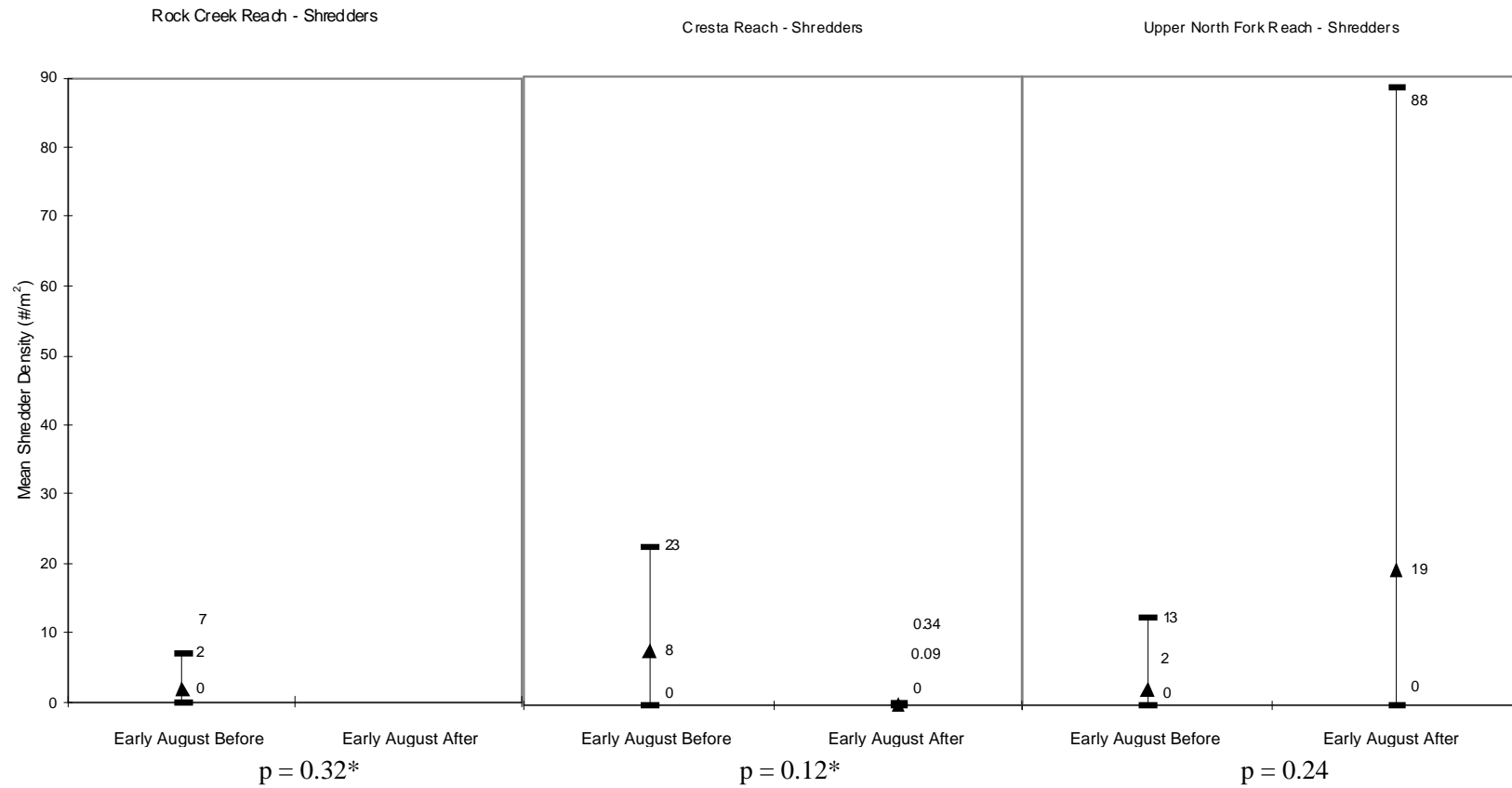
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-87. Mean Functional-Feeding Group Density for Predator 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, Early August 2008.



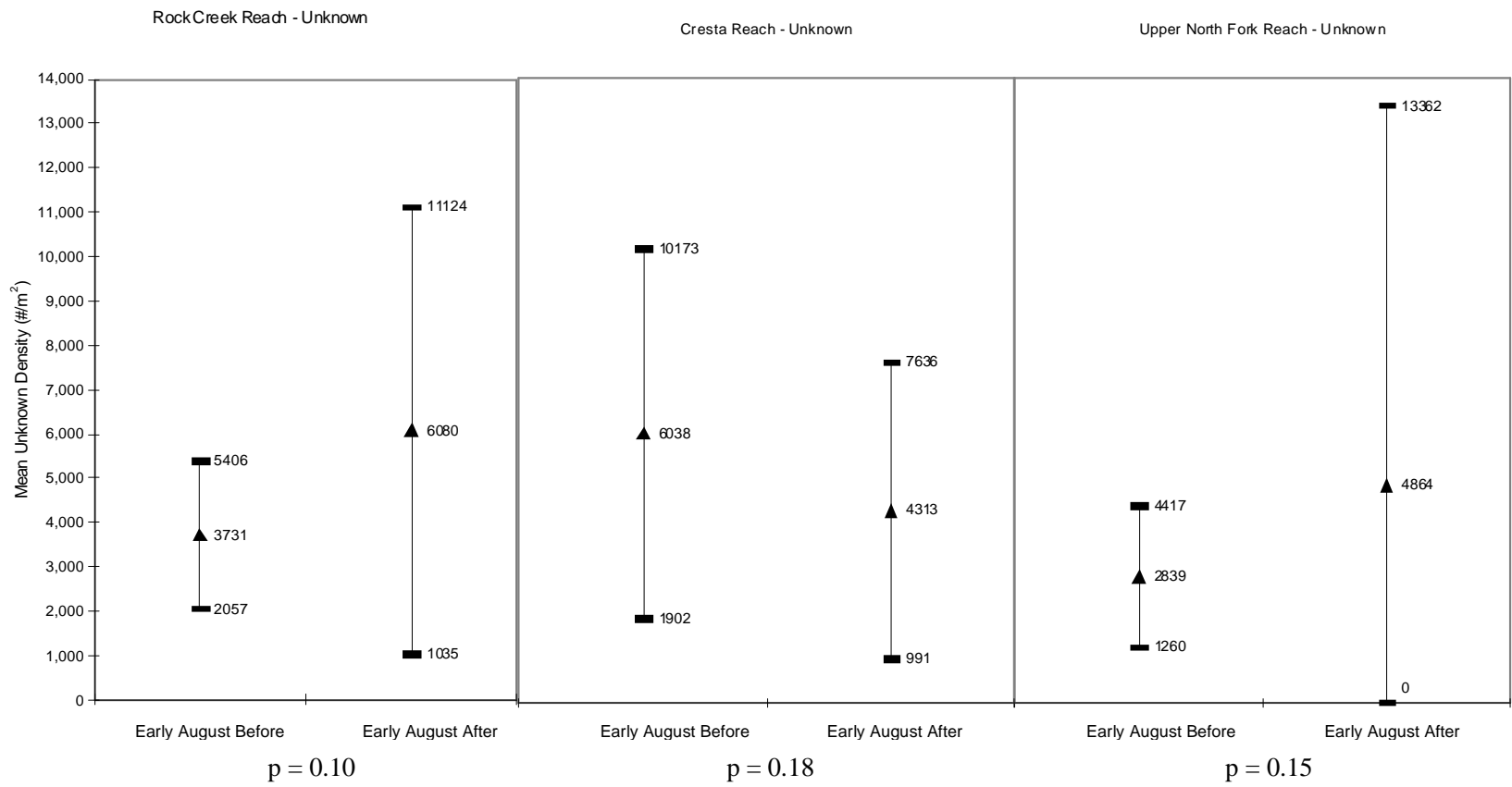
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-88. Mean Functional-Feeding Group Density for Scrapper 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, Early August 2008.



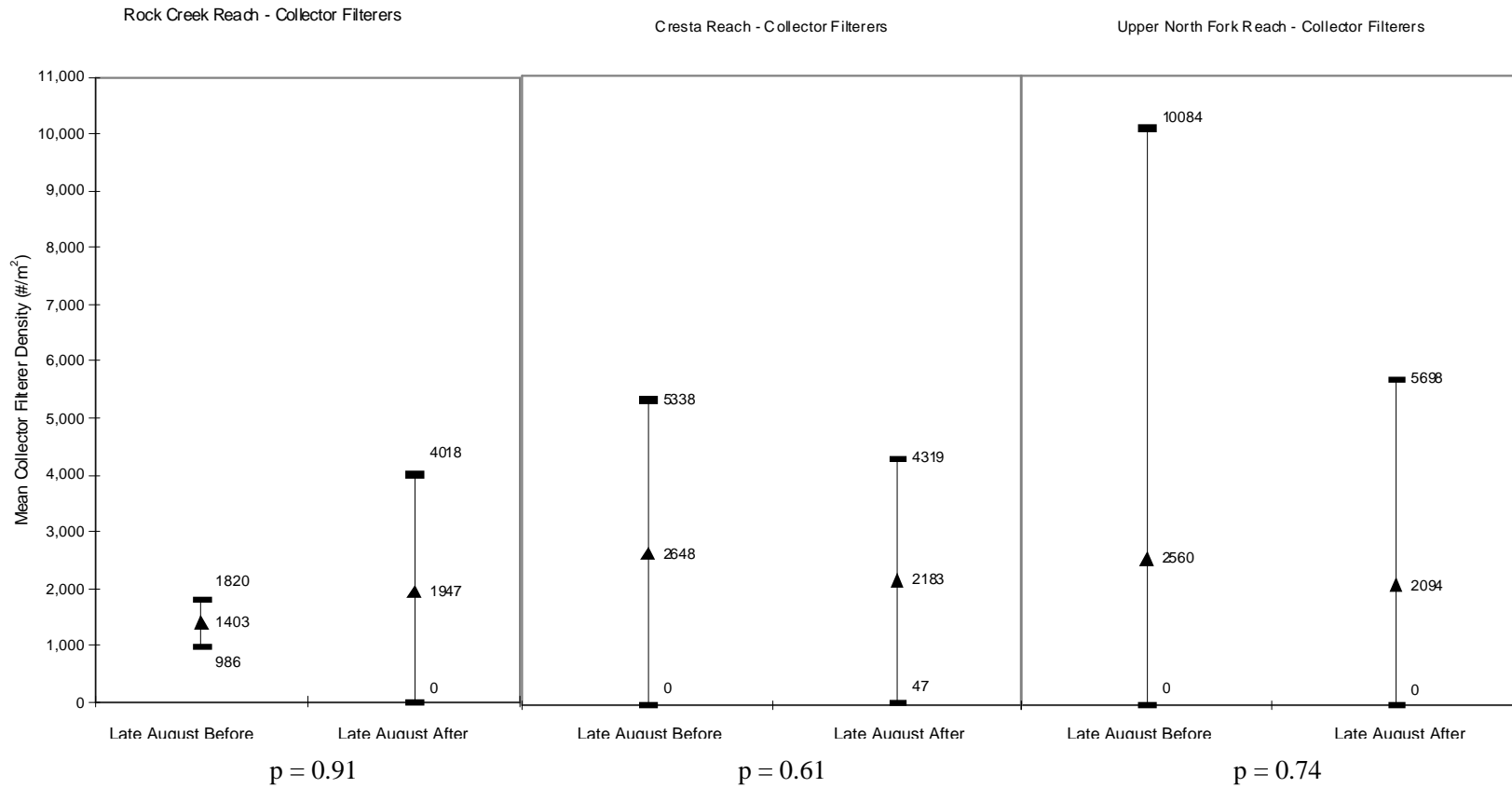
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-89. Mean Functional-Feeding Group Density for Shredder 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, Early August 2008 (* = Kruskal-Wallis p-value).



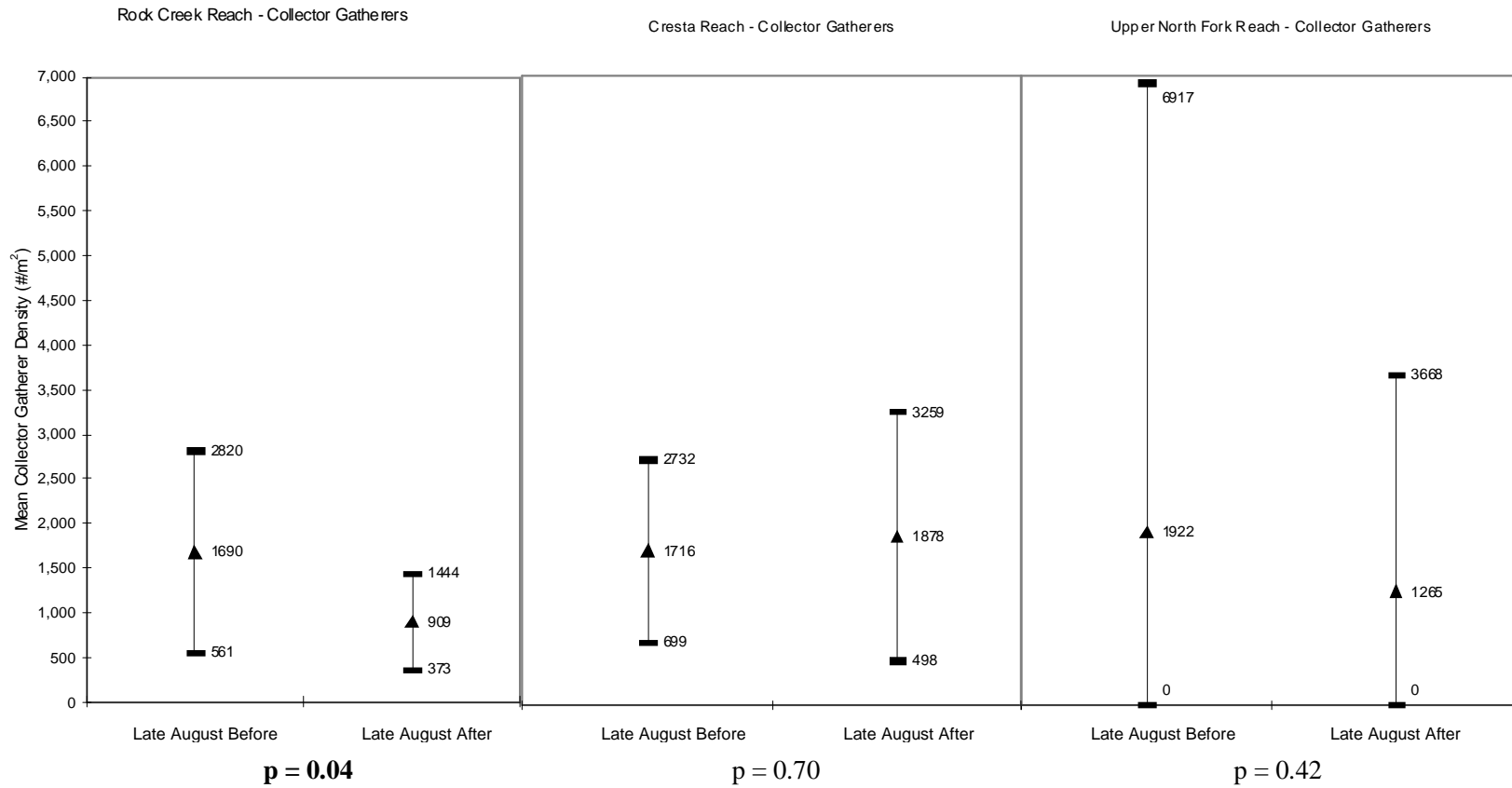
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-90. 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, Early August 2008.



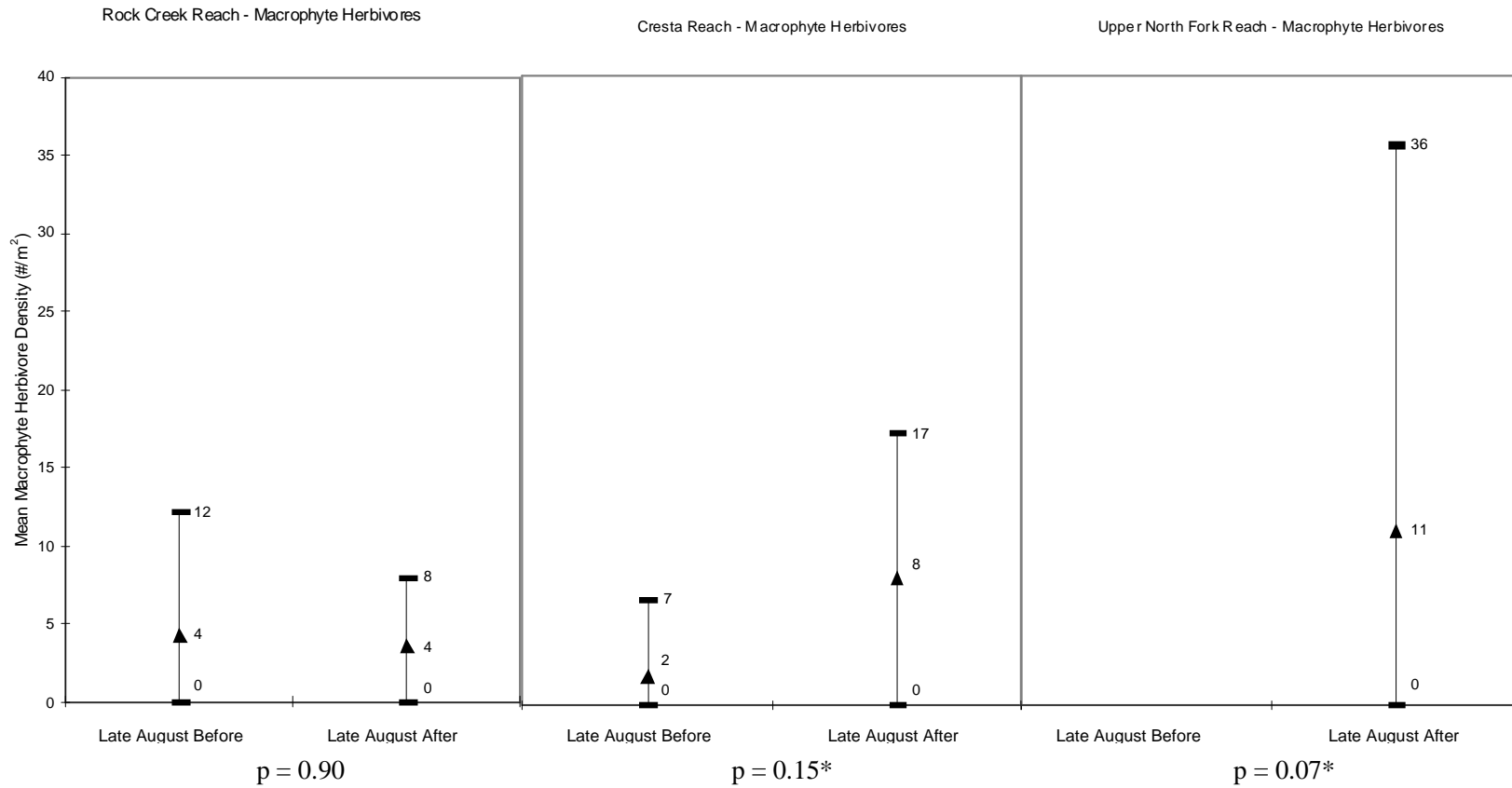
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-91. Mean Functional-Feeding Group Density for Collector Filterer 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, Late August 2008.



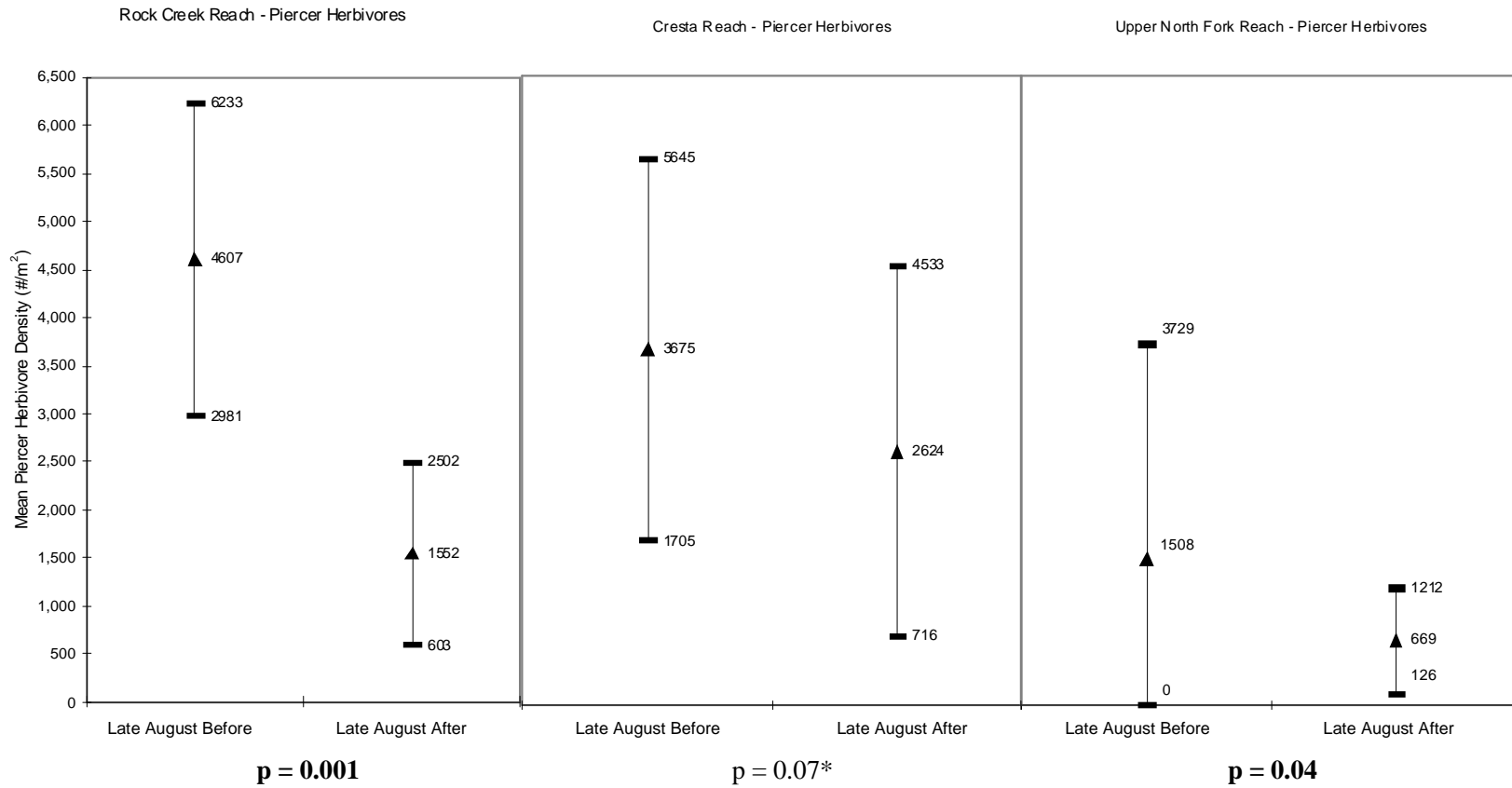
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-92. Mean Functional-Feeding Group Density for Collector Gatherer 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, Late August 2008.



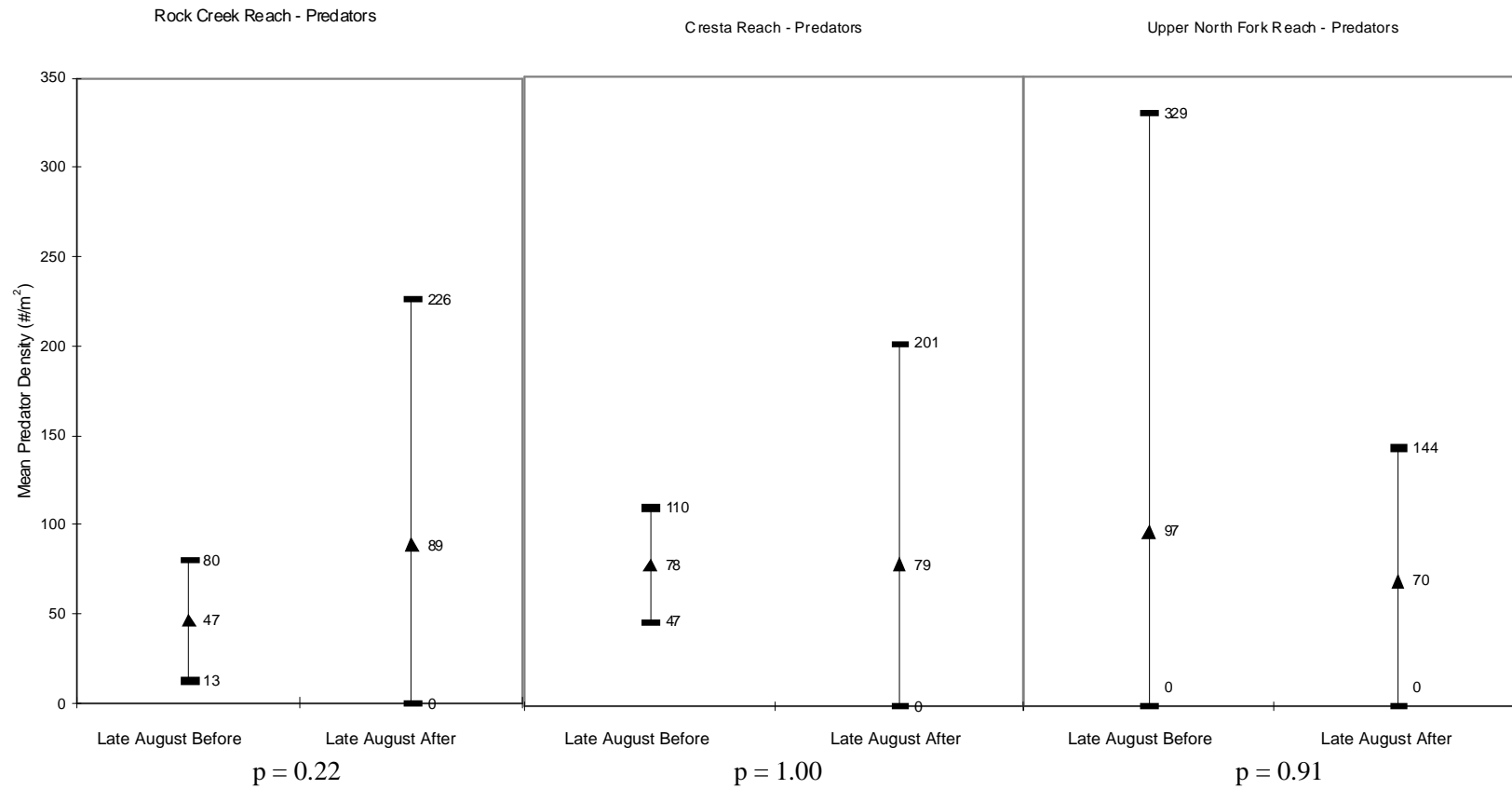
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-93. Mean Functional-Feeding Group Density for Macrophyte Herbivore 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, Late August 2008 (* = Kruskal-Wallis p-value).



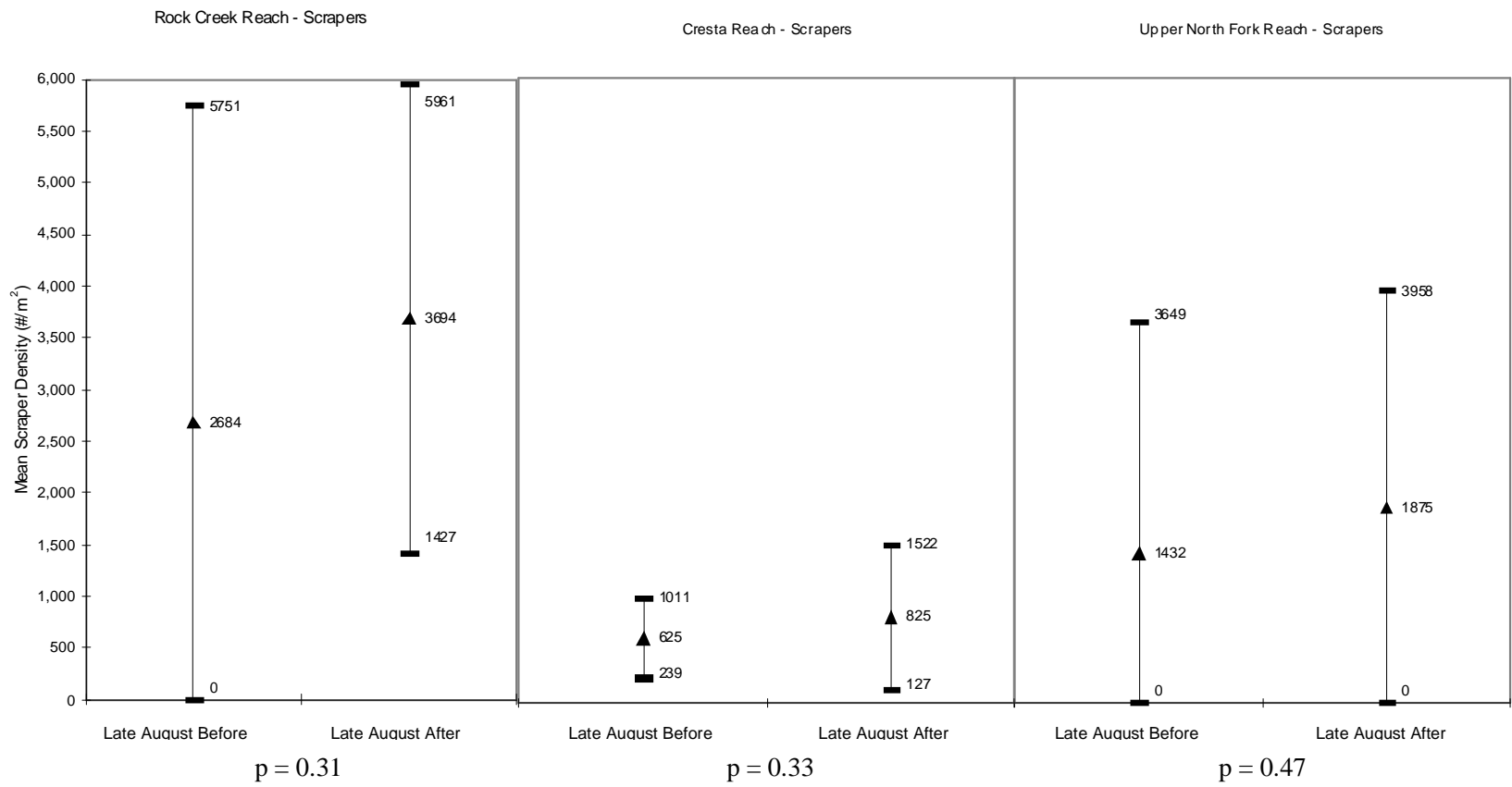
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-94. Mean Functional-Feeding Group Density for Piercer Herbivore 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, Late August 2008 (* = Kruskal-Wallis p-value).



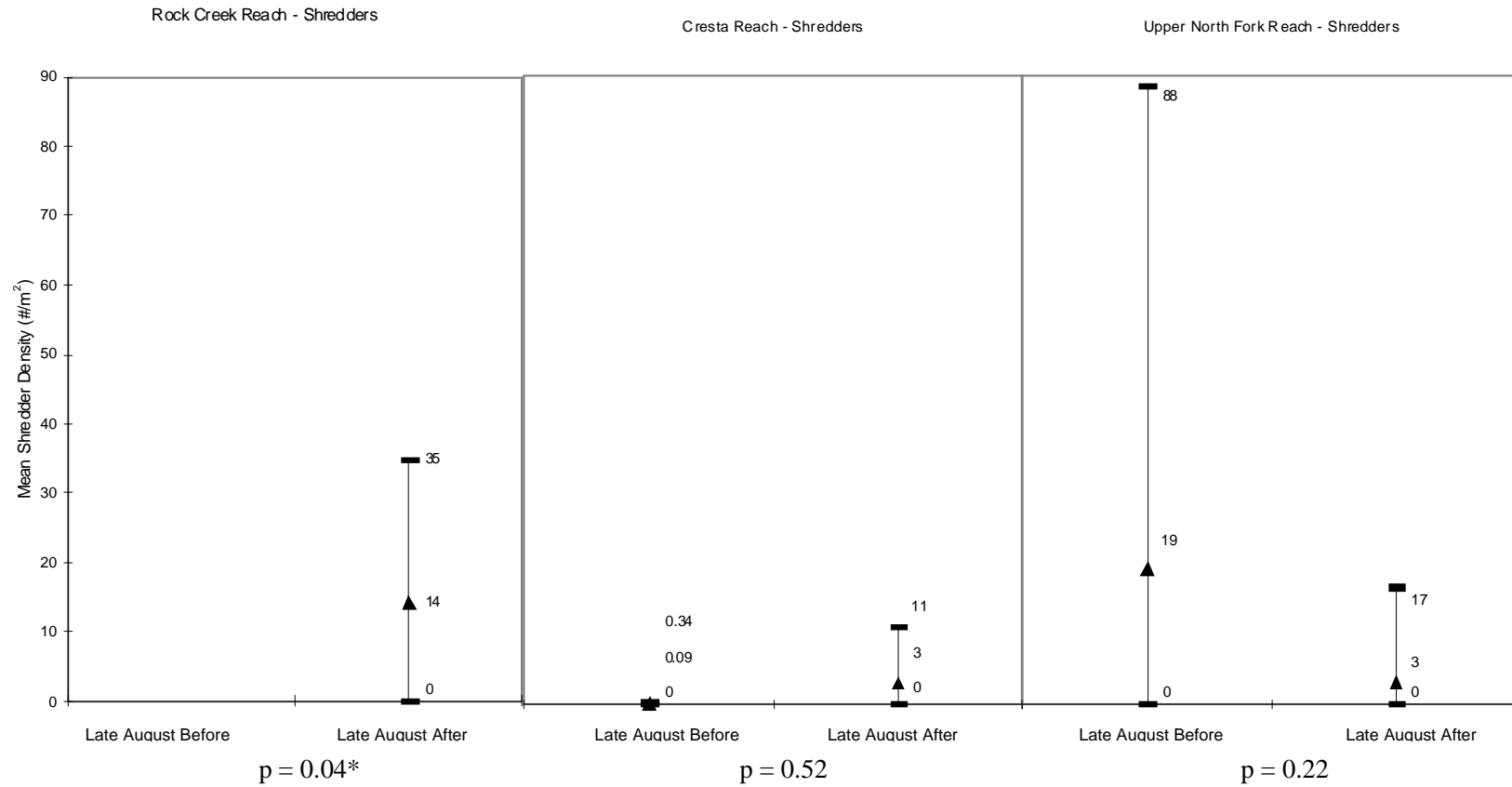
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-95. Mean Functional-Feeding Group Density for Predator 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, Late August 2008.



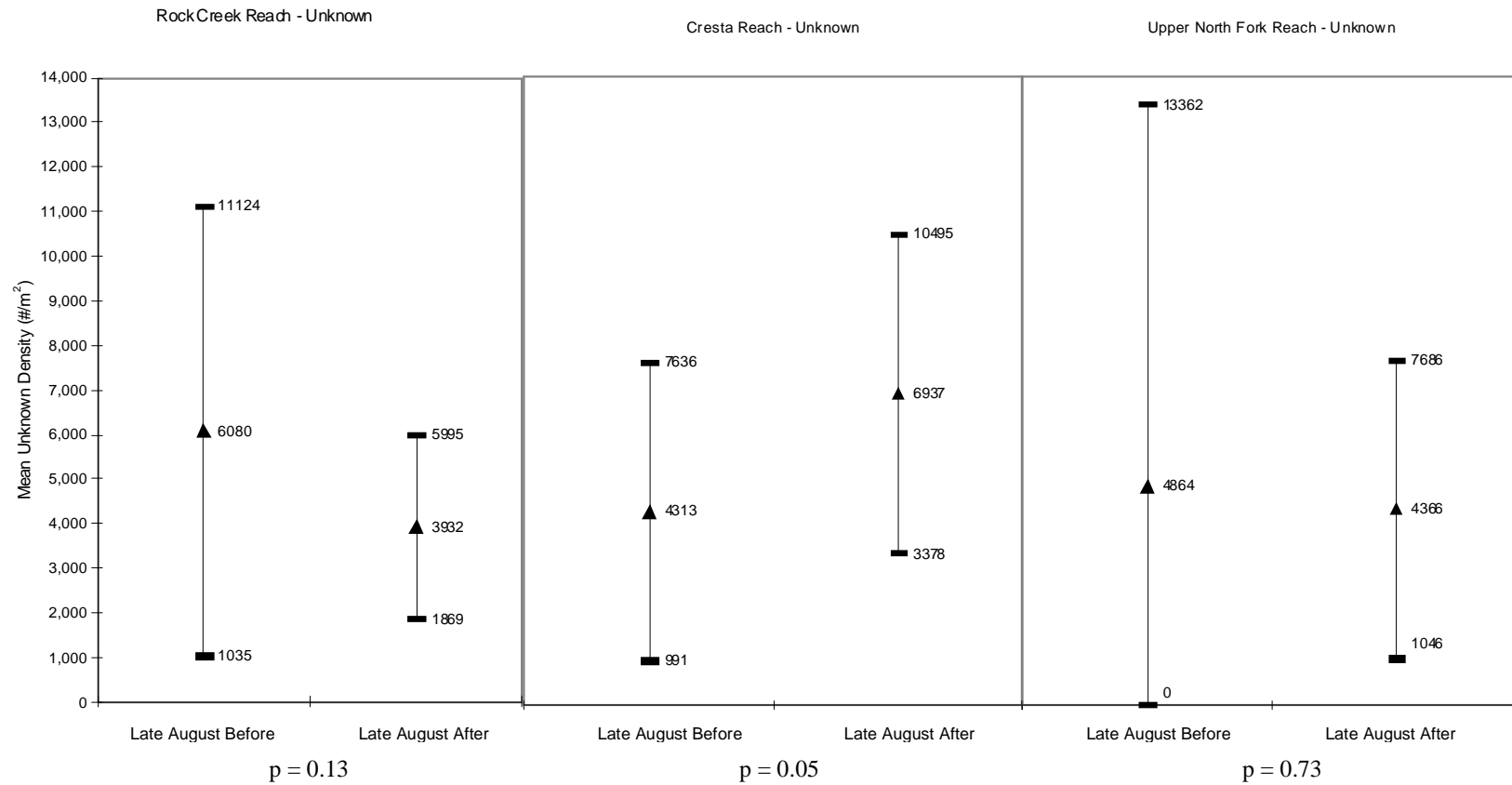
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-96. Mean Functional-Feeding Group Density for Scrapper 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, Late August 2008.



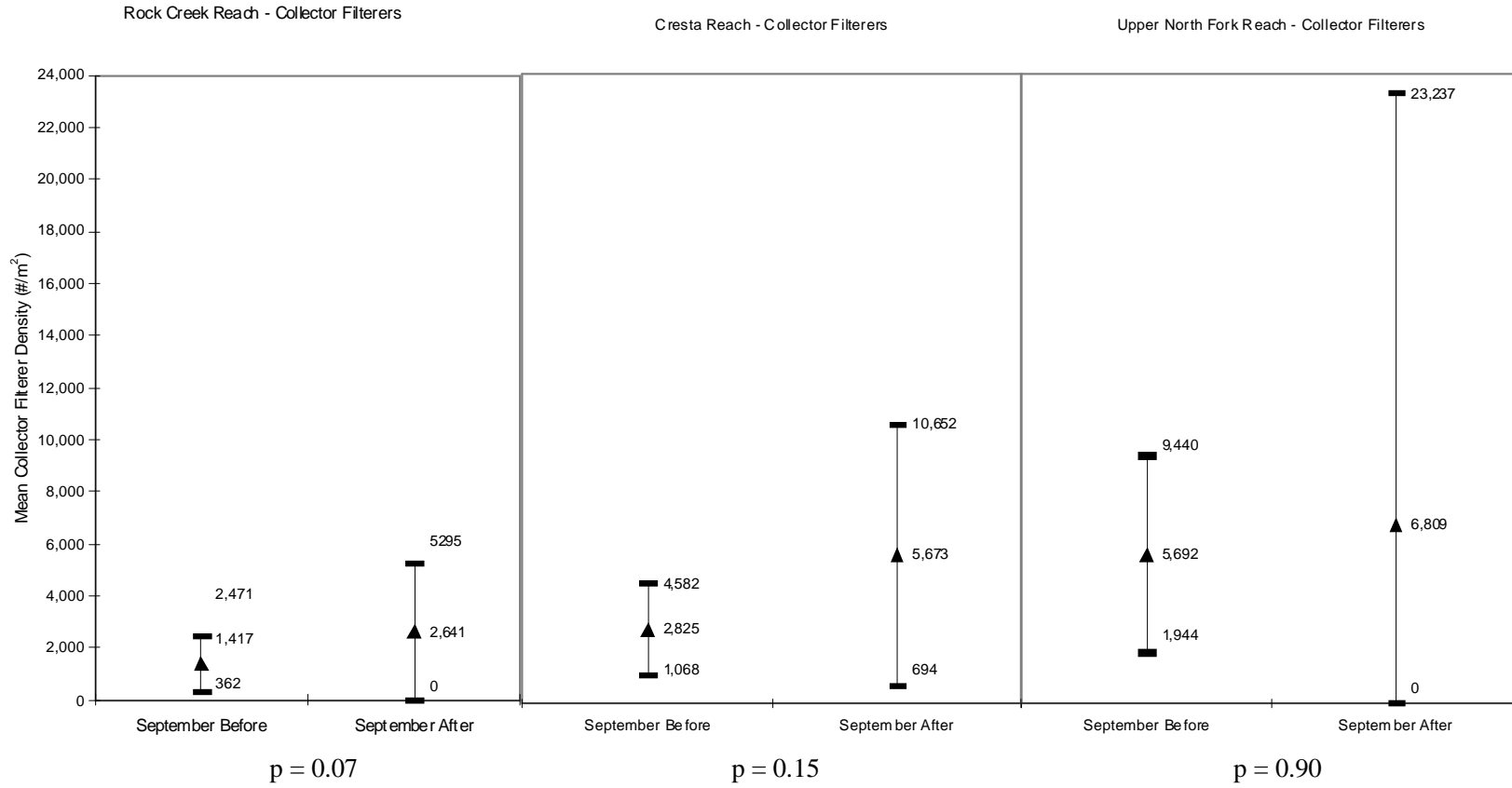
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-97. Mean Functional-Feeding Group Density for Shredder 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, Late August 2008 (* = Kruskal-Wallis p-value).



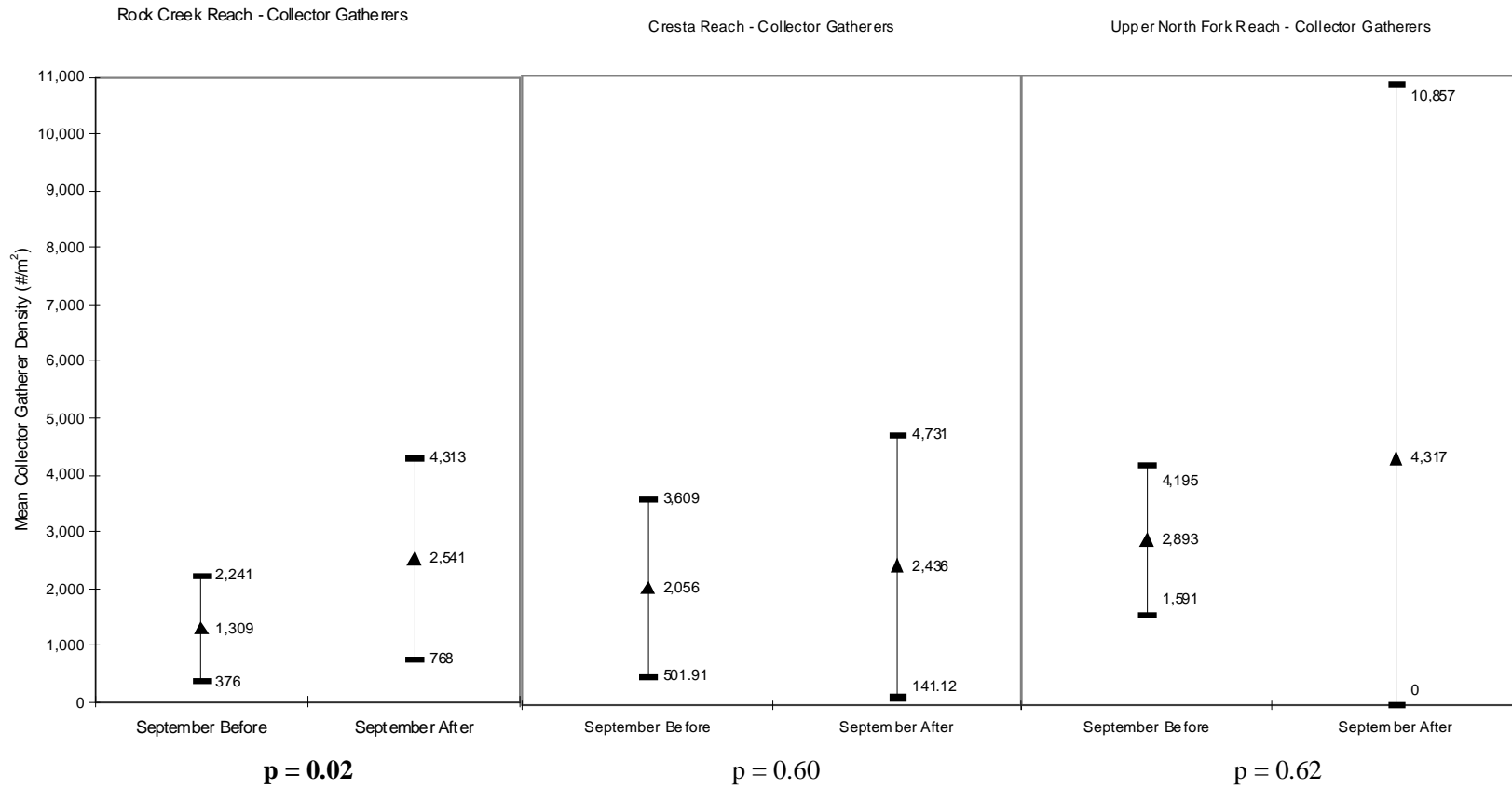
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-98. 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, Late August 2008.



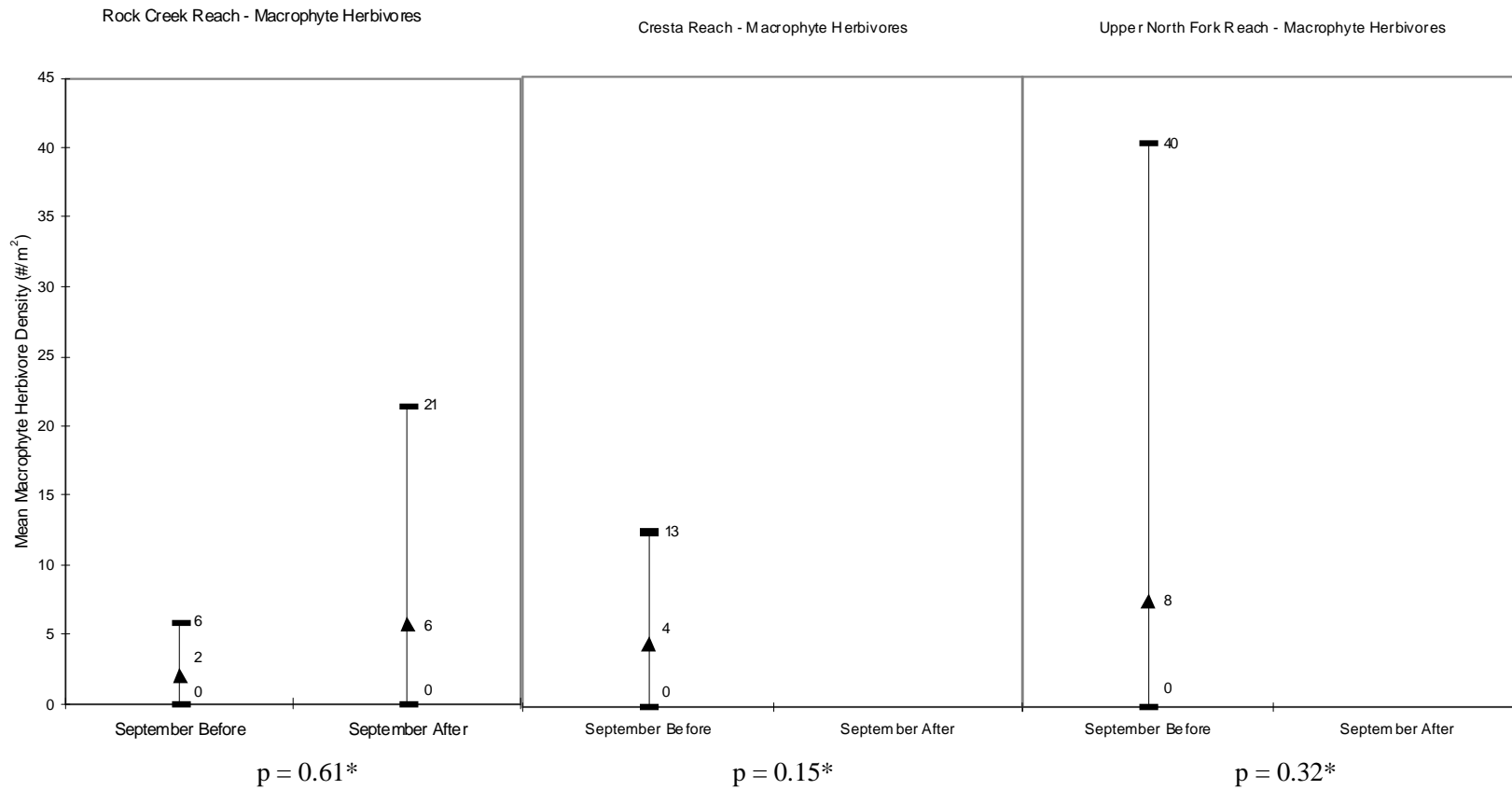
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-99. Mean Functional-Feeding Group Density for Collector Filterer 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, Late August 2008.



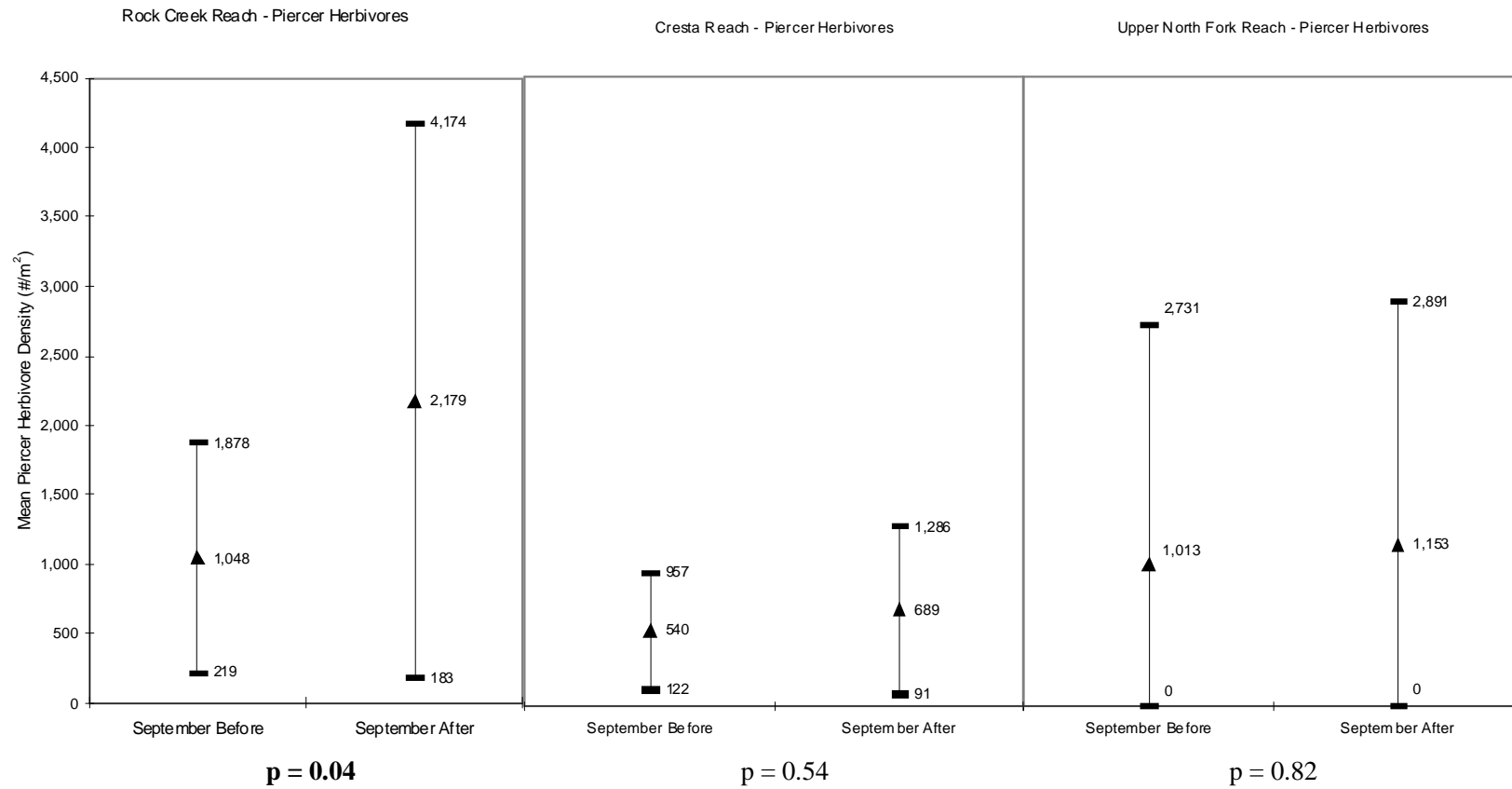
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-100. Mean Functional-Feeding Group Density for Collector Gatherer 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, Late August 2008.



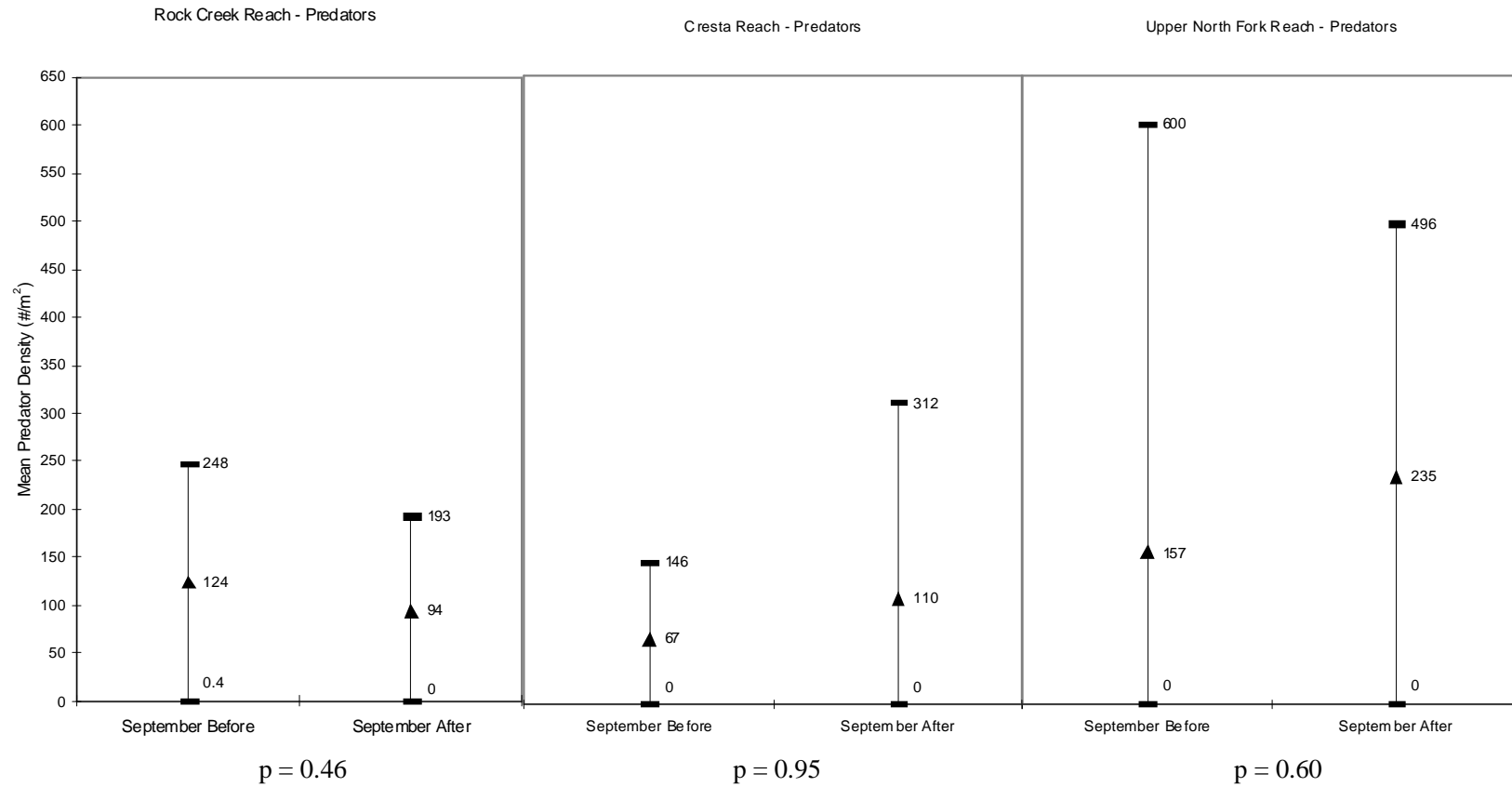
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-101. Mean Functional-Feeding Group Density for Macrophyte Herbivore 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, Late August 2008 (* = Kruskal-Wallis p-value).



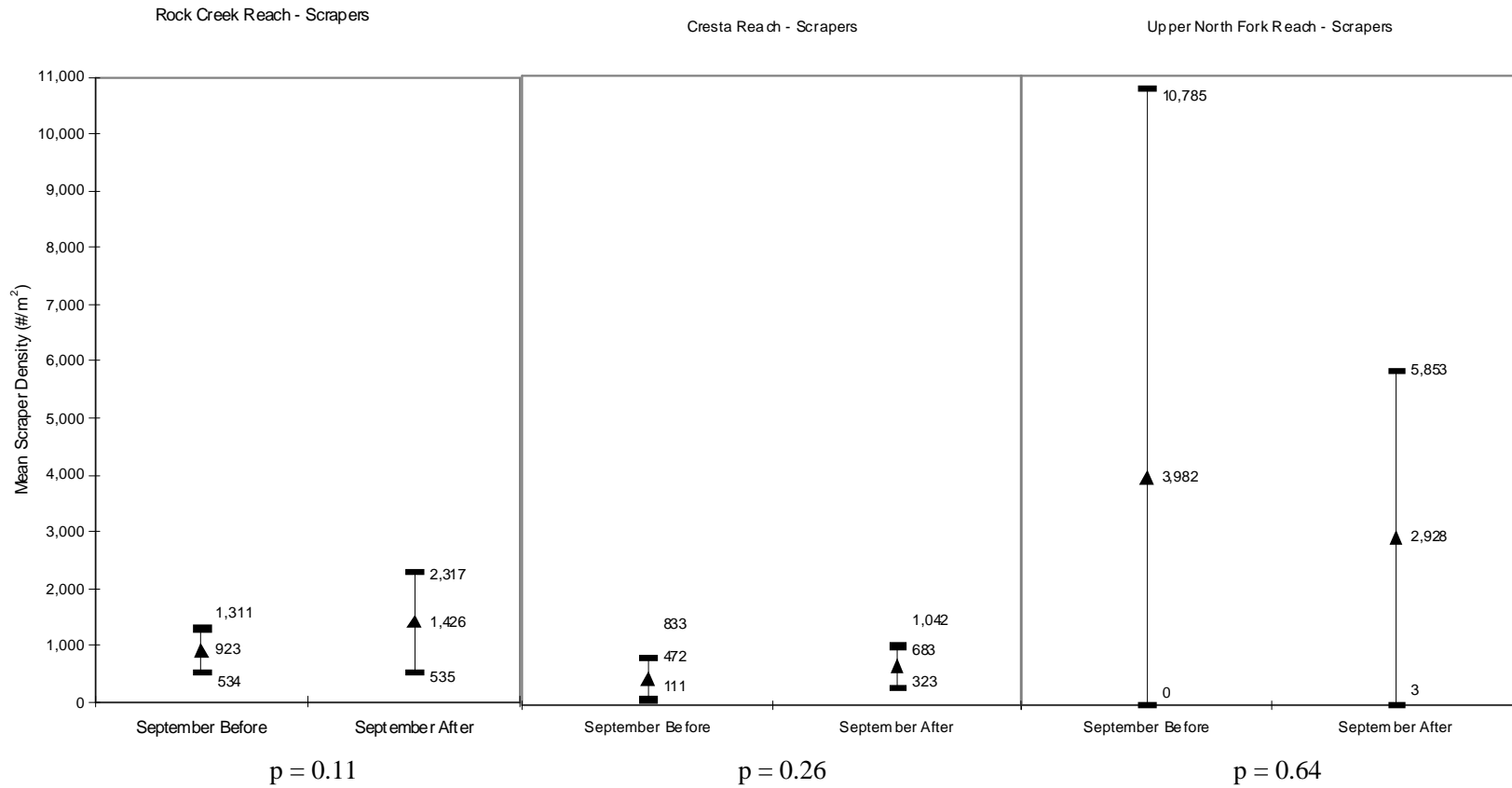
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-102. Mean Functional-Feeding Group Density for Piercer Herbivore 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, Late August 2008.



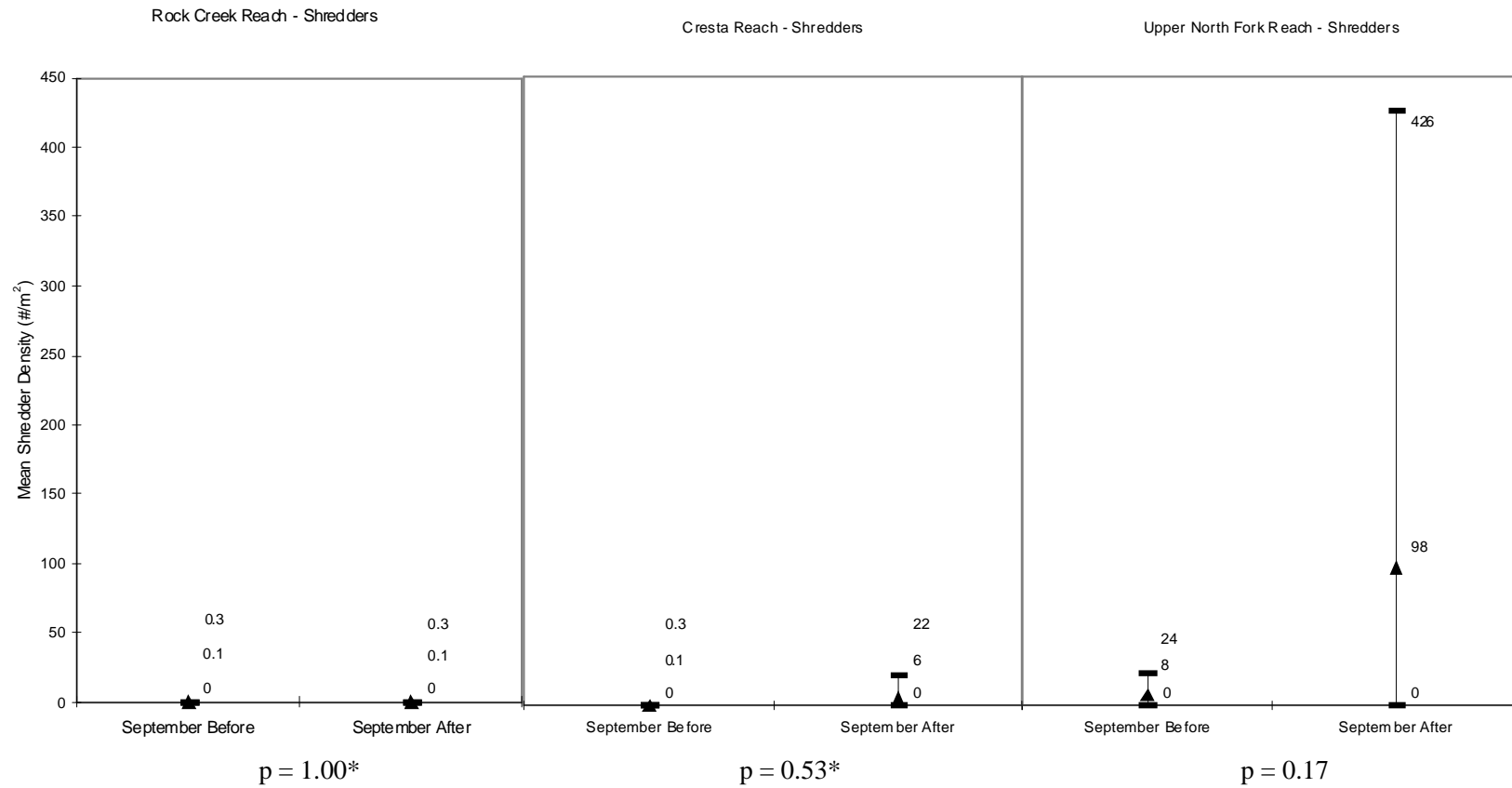
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-103. Mean Functional-Feeding Group Density for Predator 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, Late August 2008.



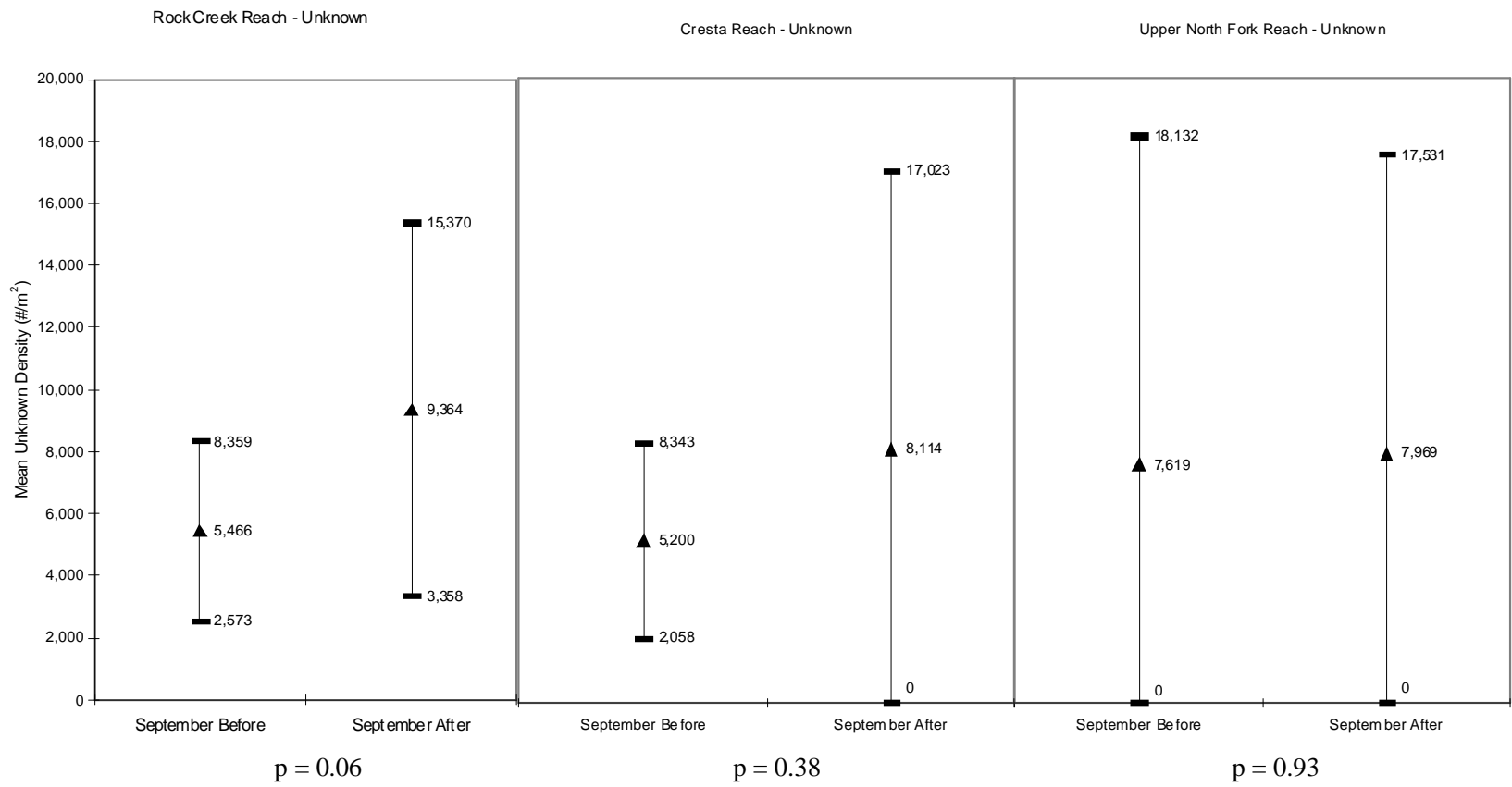
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-104. Mean Functional-Feeding Group Density for Scrapper 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, Late August 2008.



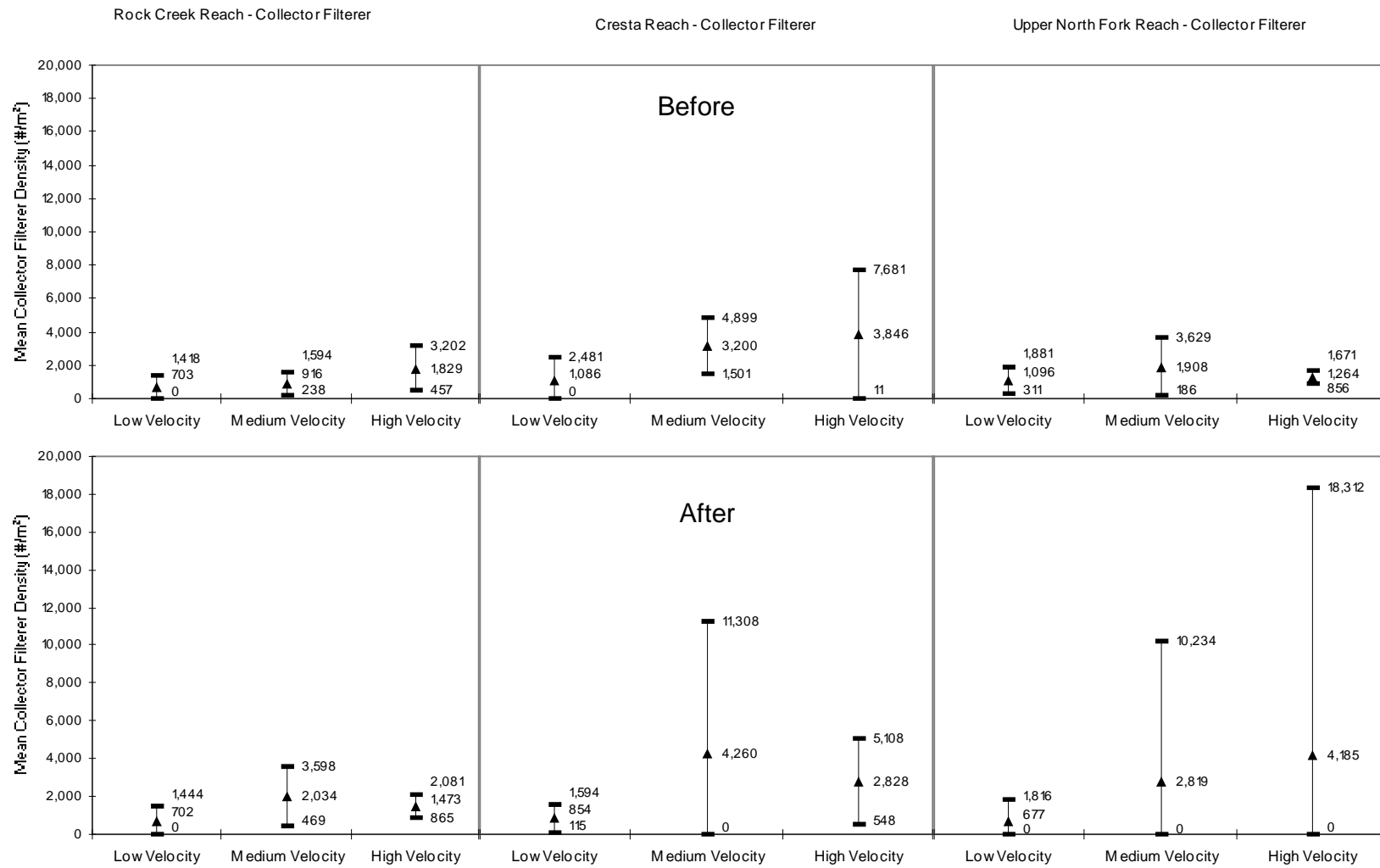
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-105. Mean Functional-Feeding Group Density for Shredder 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, Late August 2008 (* = Kruskal-Wallis p-value).



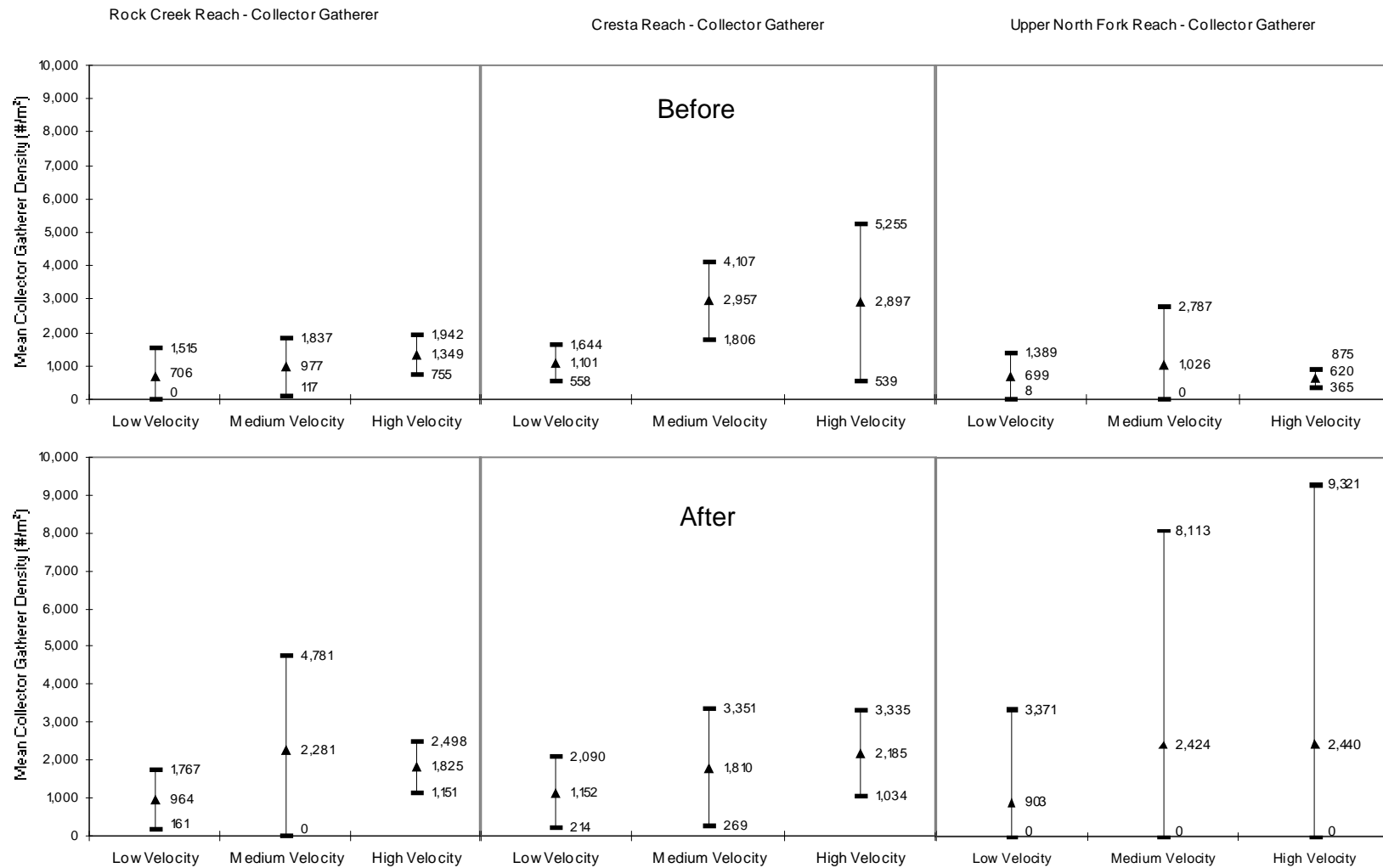
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-106. 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, Late August 2008.



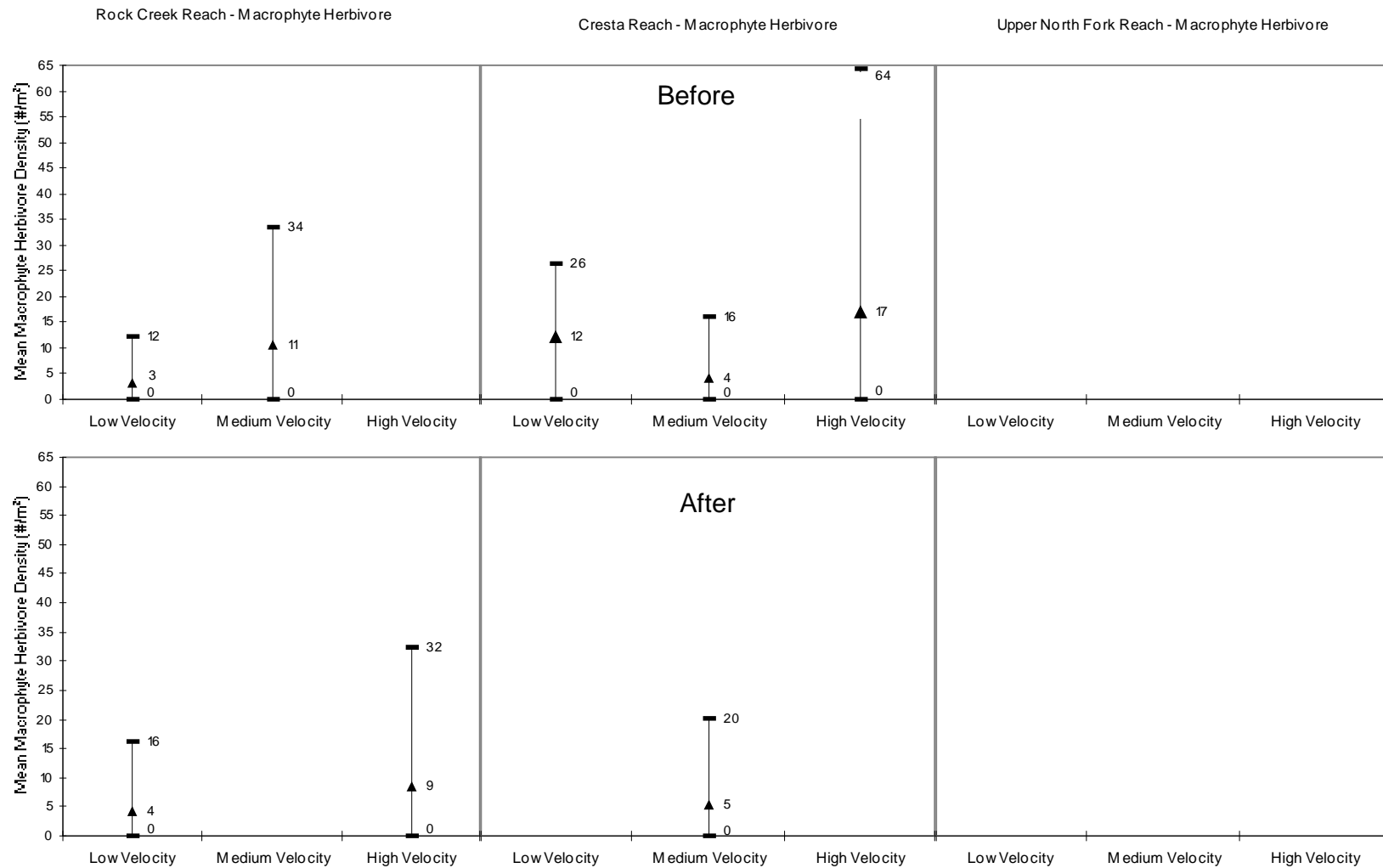
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-107. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Collector Filterers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



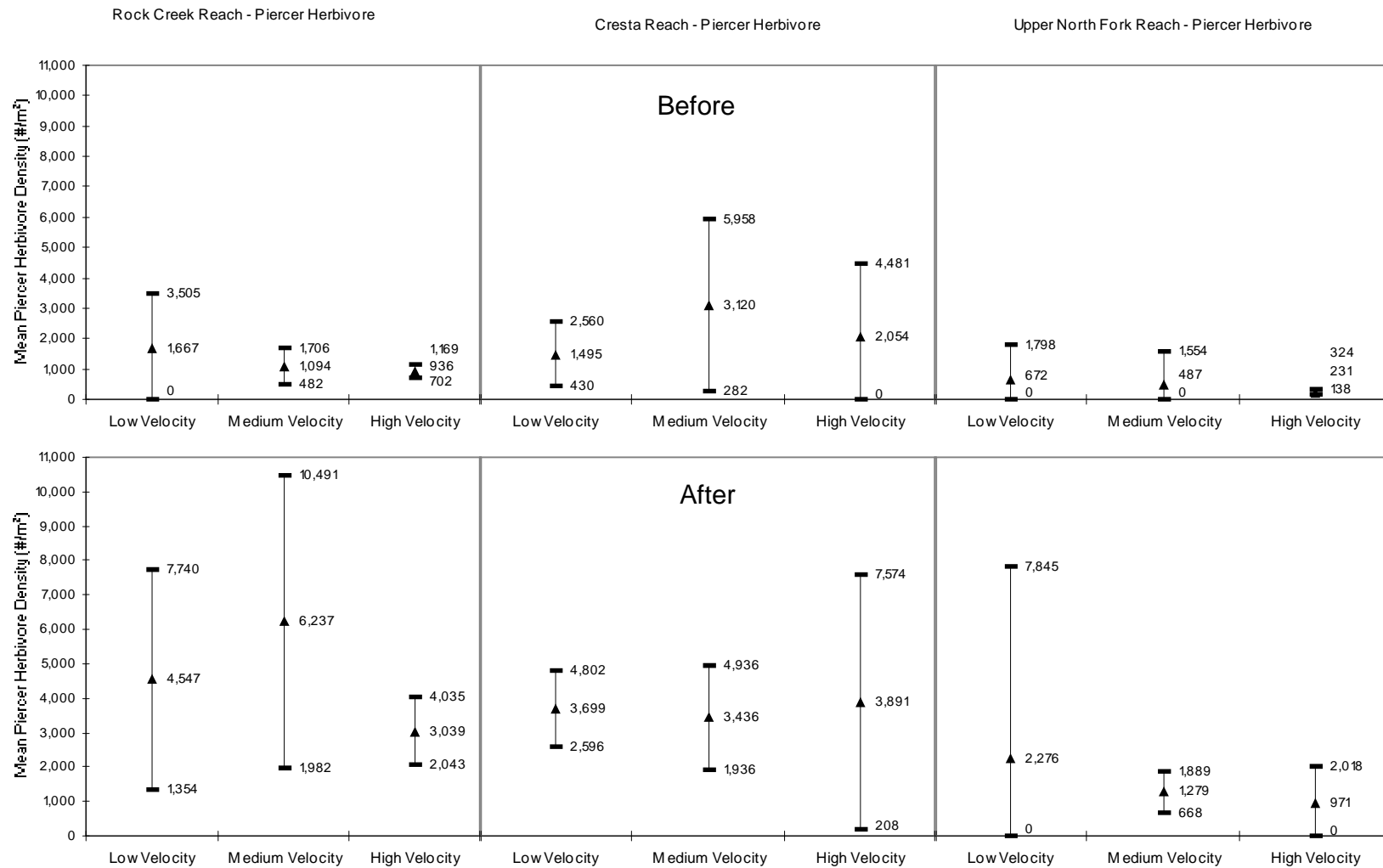
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-108. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Collector Gatherers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



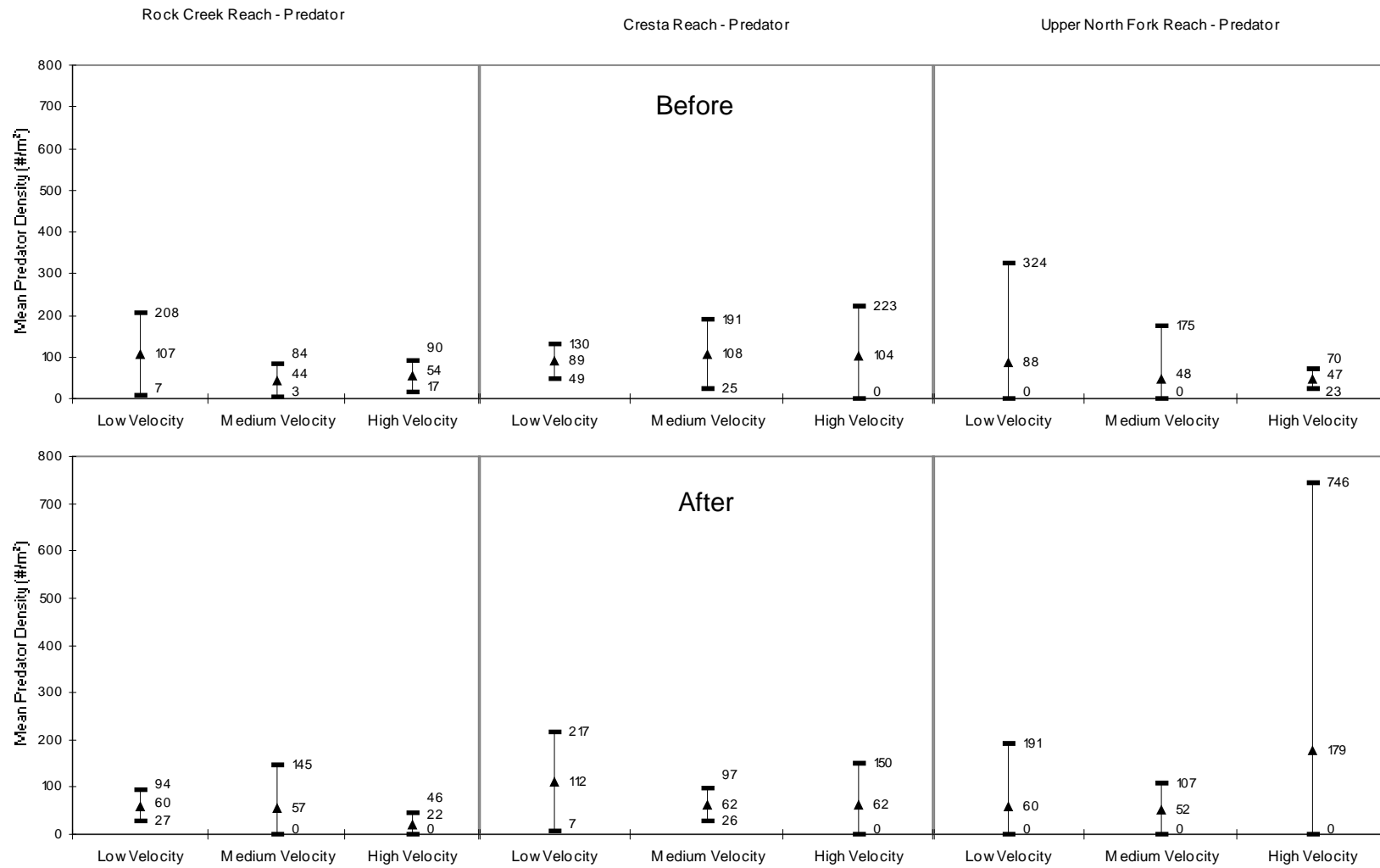
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-109. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Macrophyte Herbivores, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



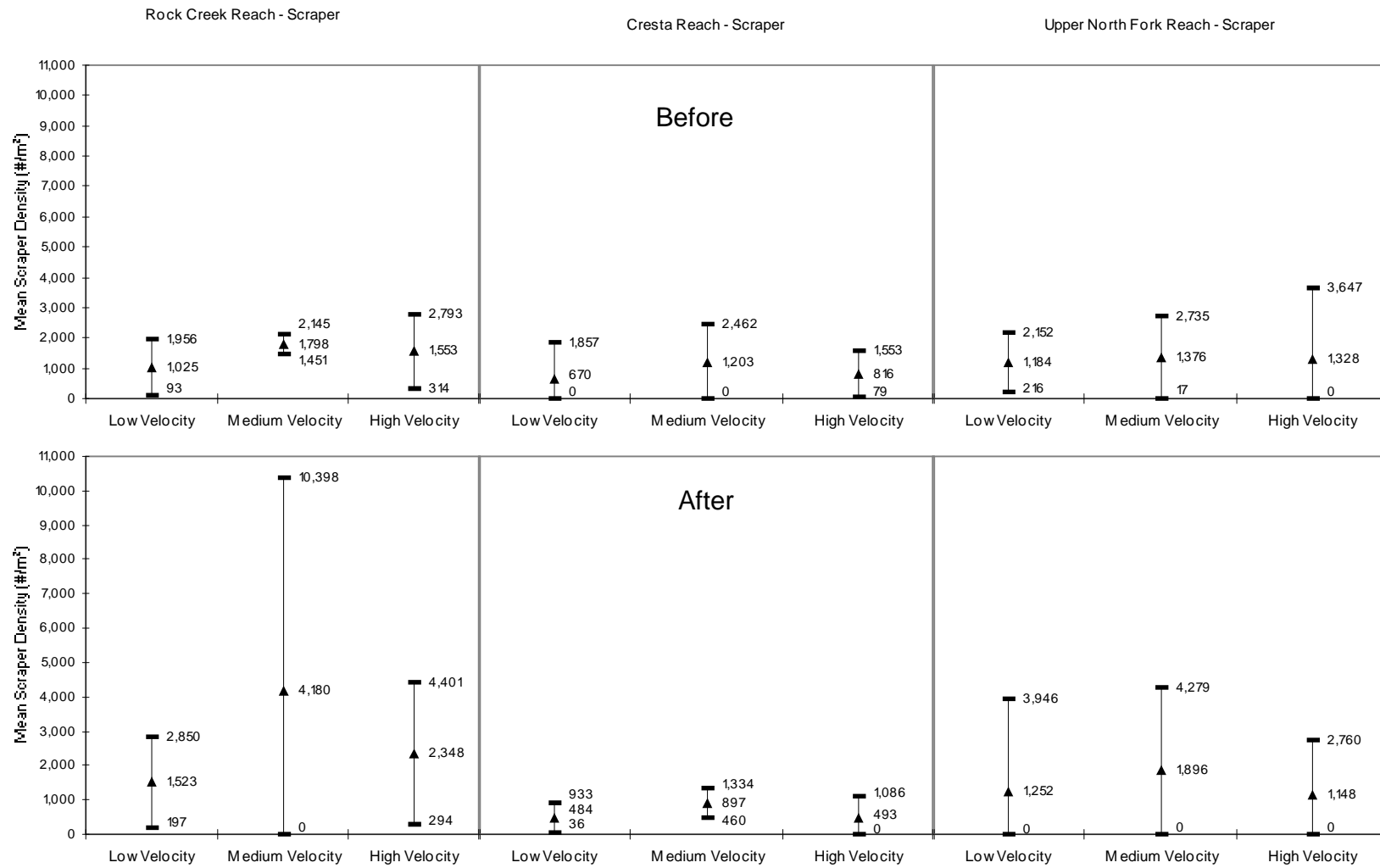
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-110. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Piercer Herbivores, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



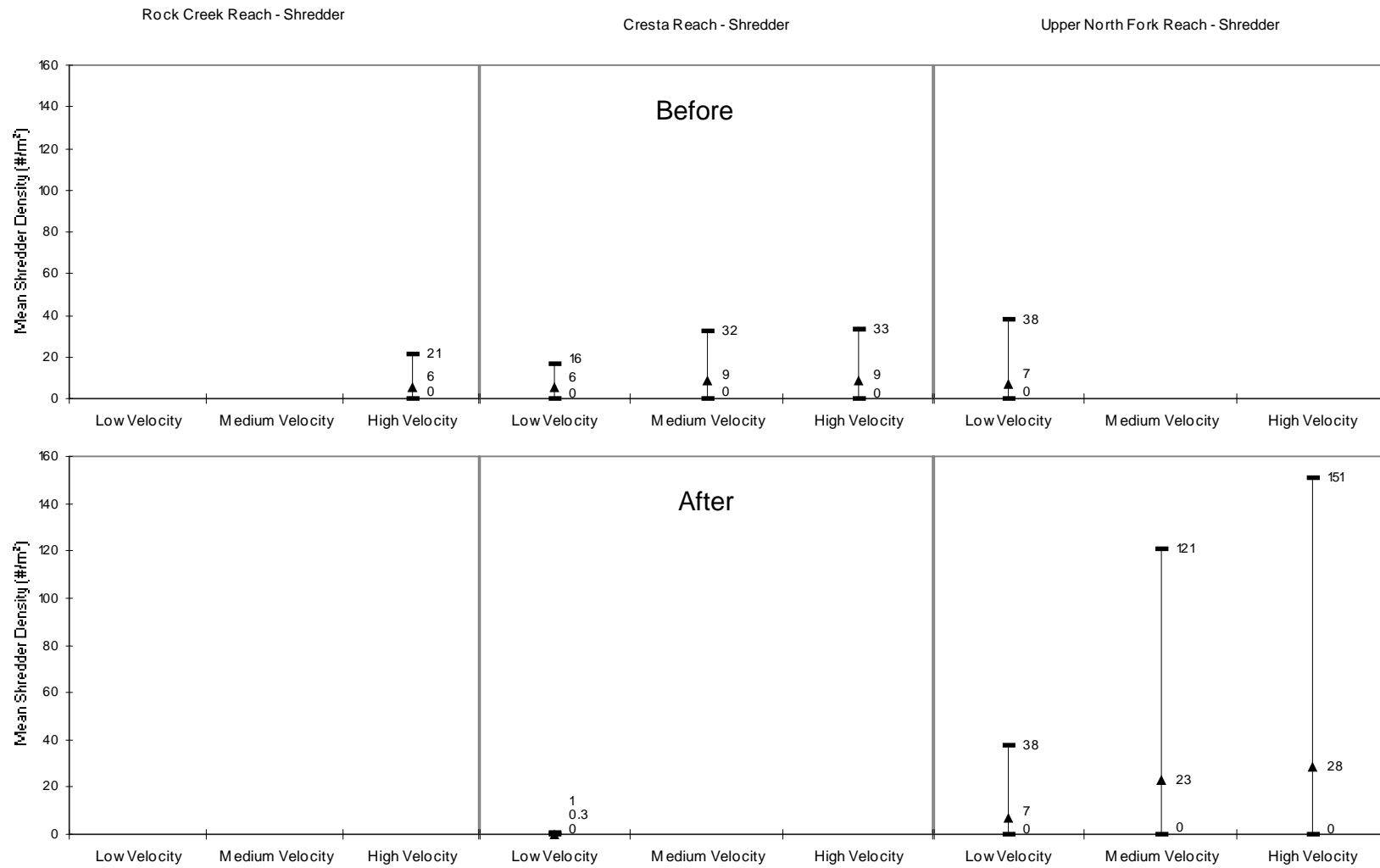
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-111. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Predators, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



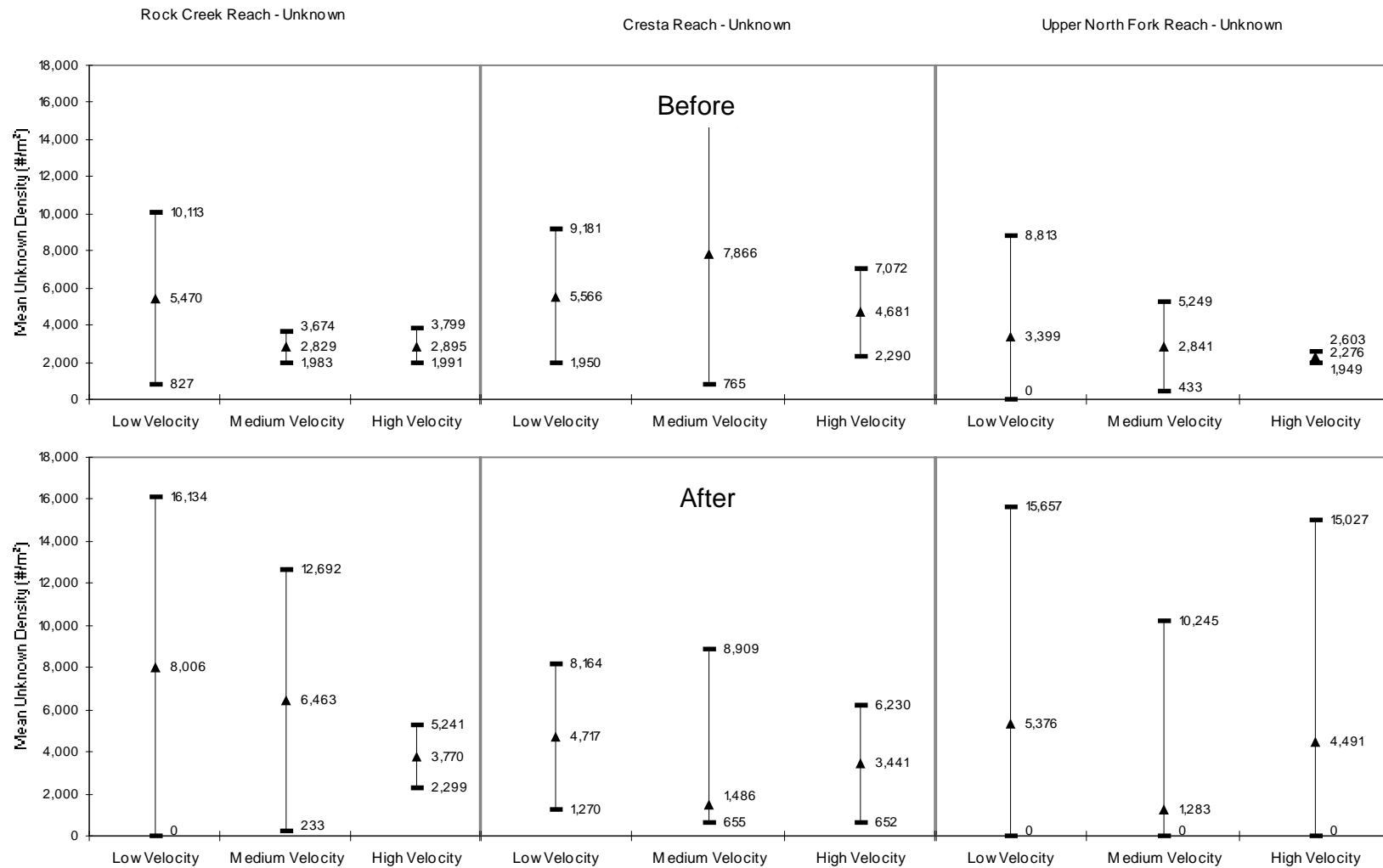
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-112. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Scrapers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



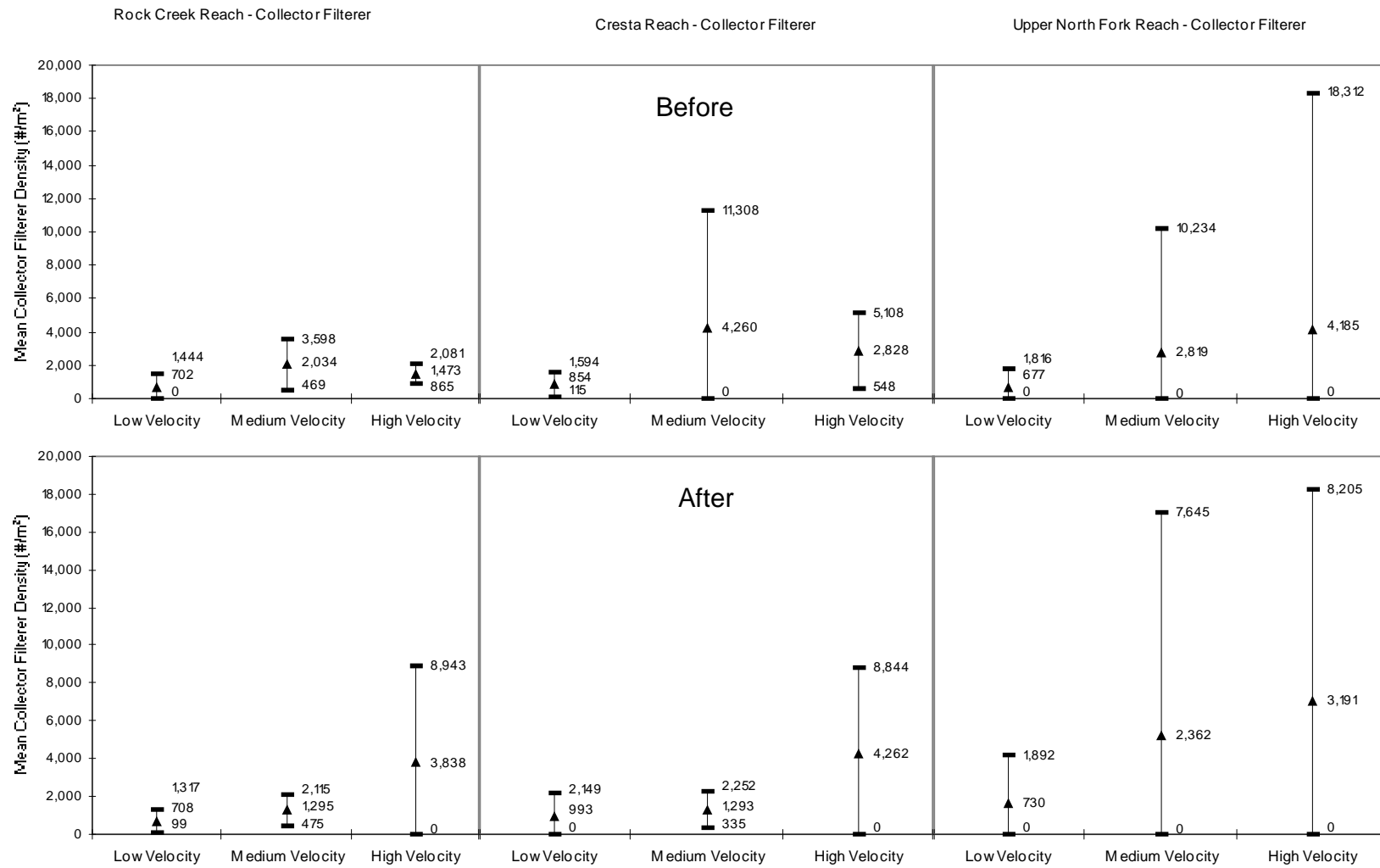
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-113. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Shredders, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



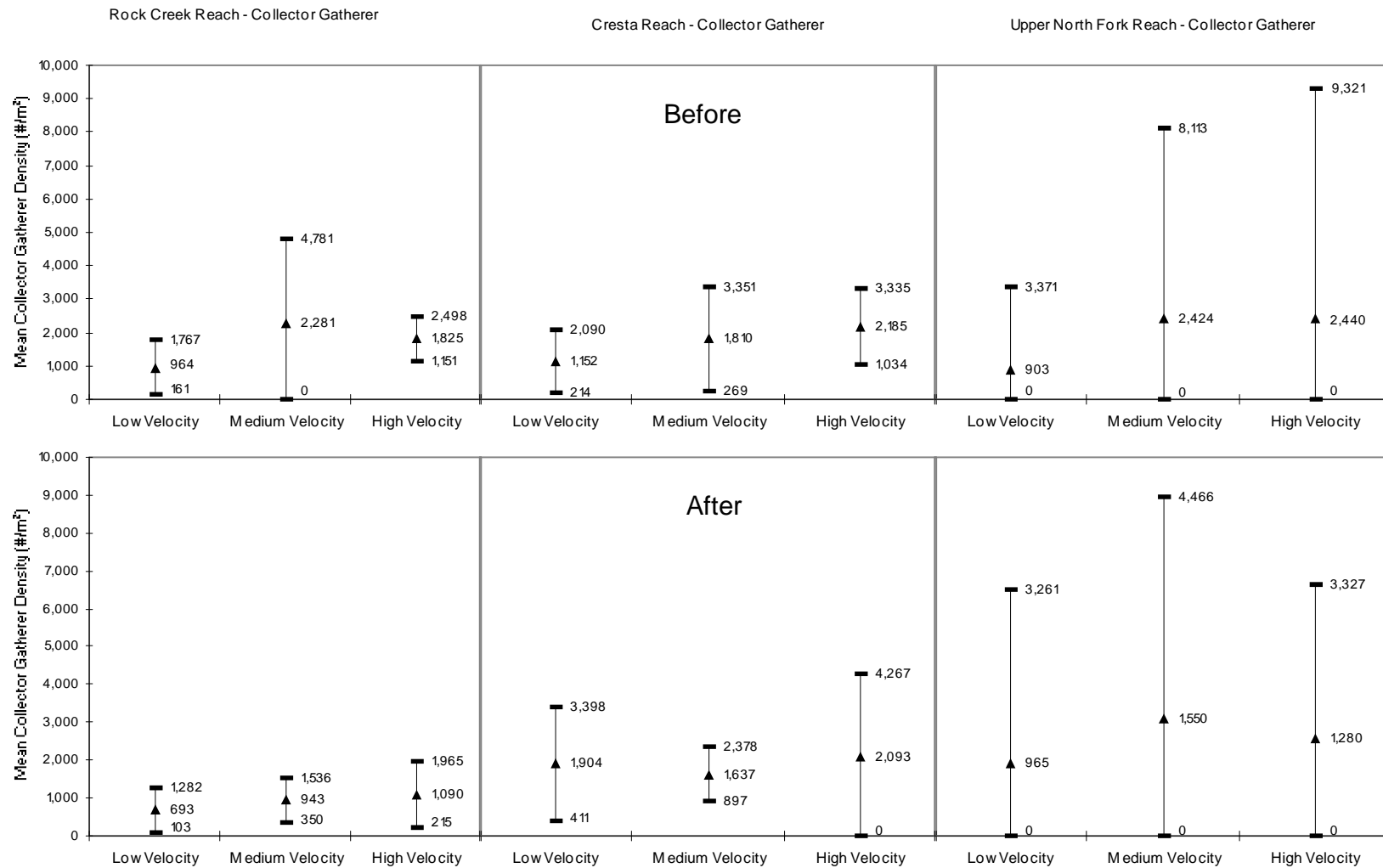
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-114. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for Unknown Functional-Feeding Groups, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



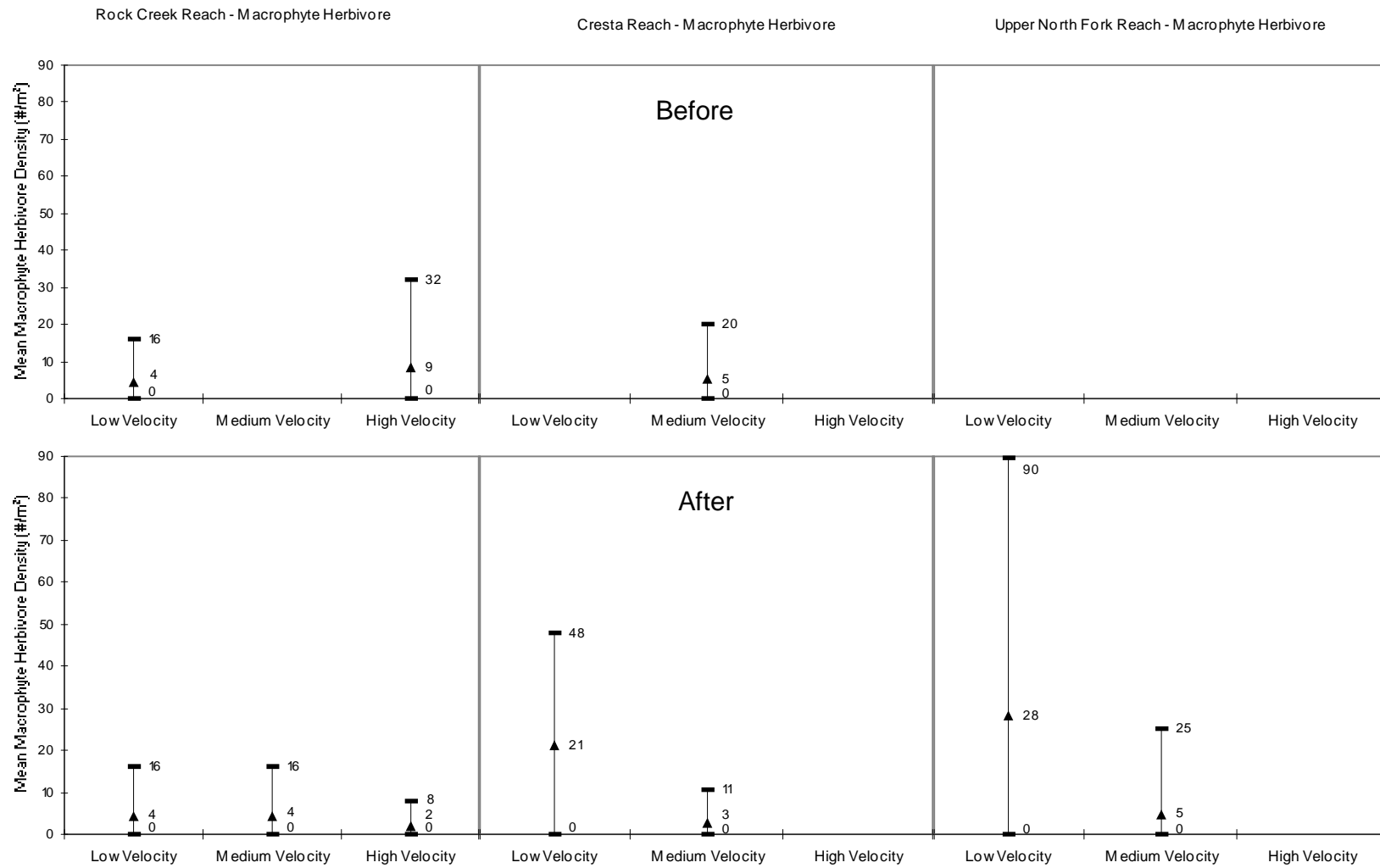
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-115. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Collector Filterers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



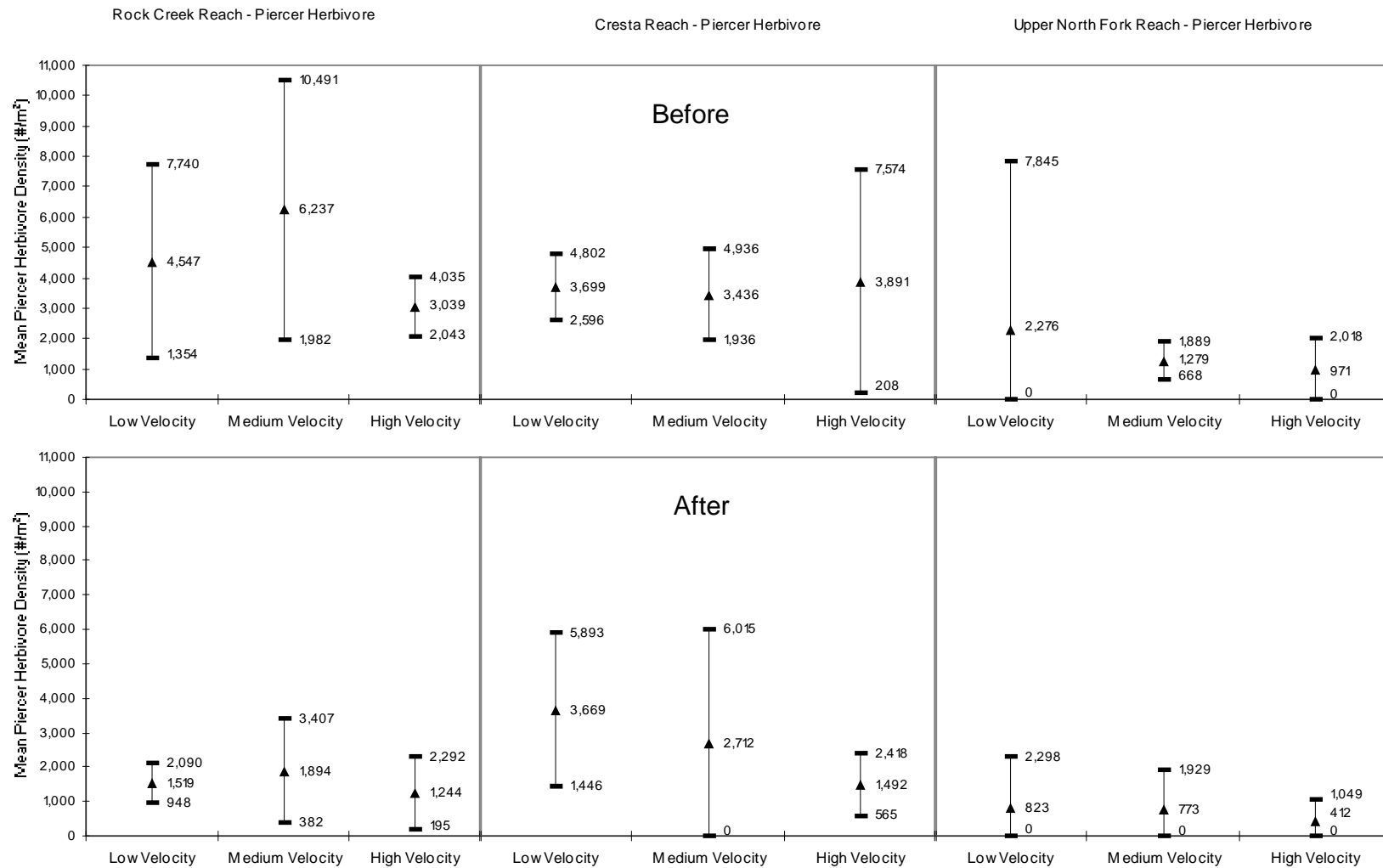
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-116. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Collector Gatherers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



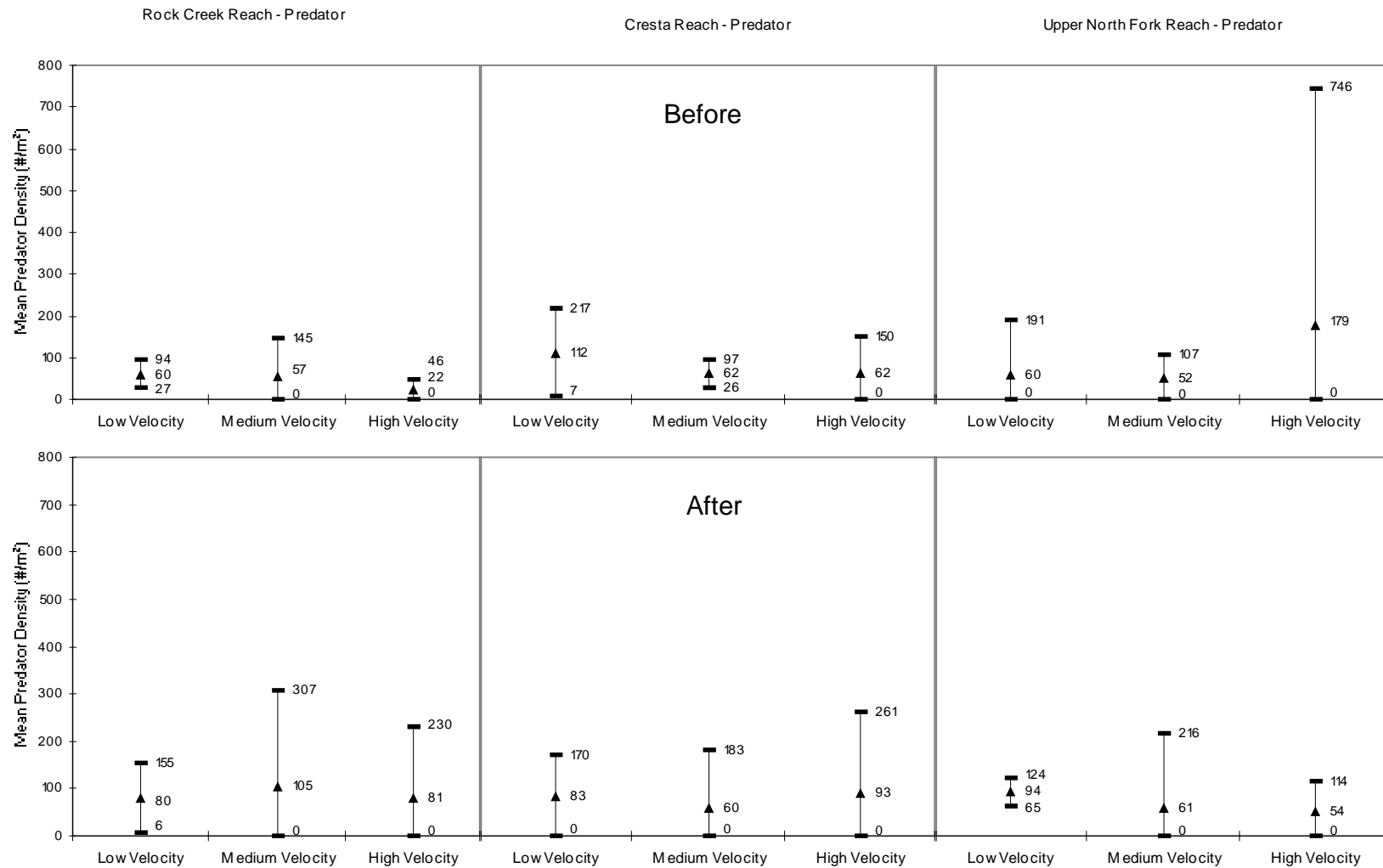
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-117. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Macrophyte Herbivores, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



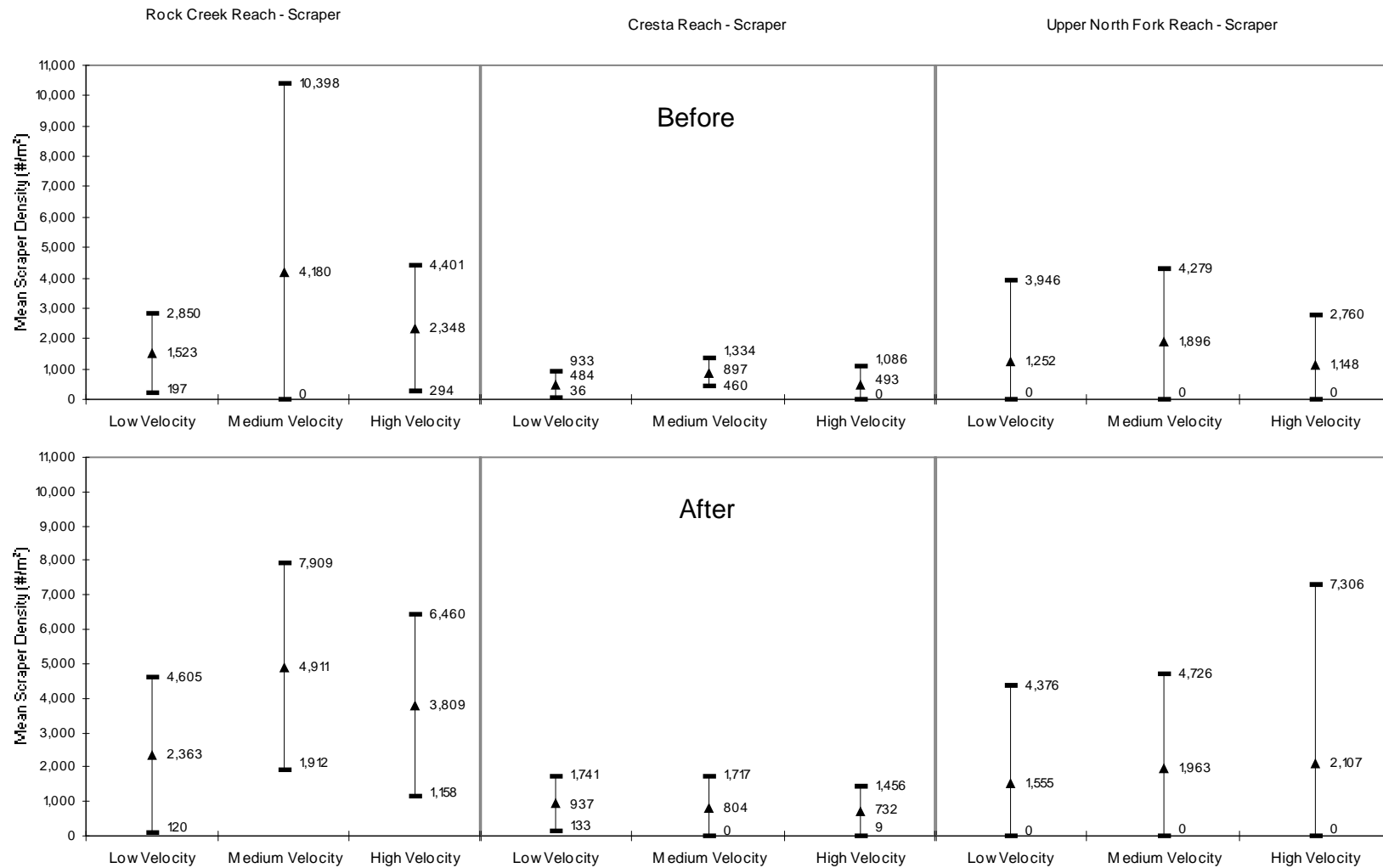
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-118. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Piercer Herbivores, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



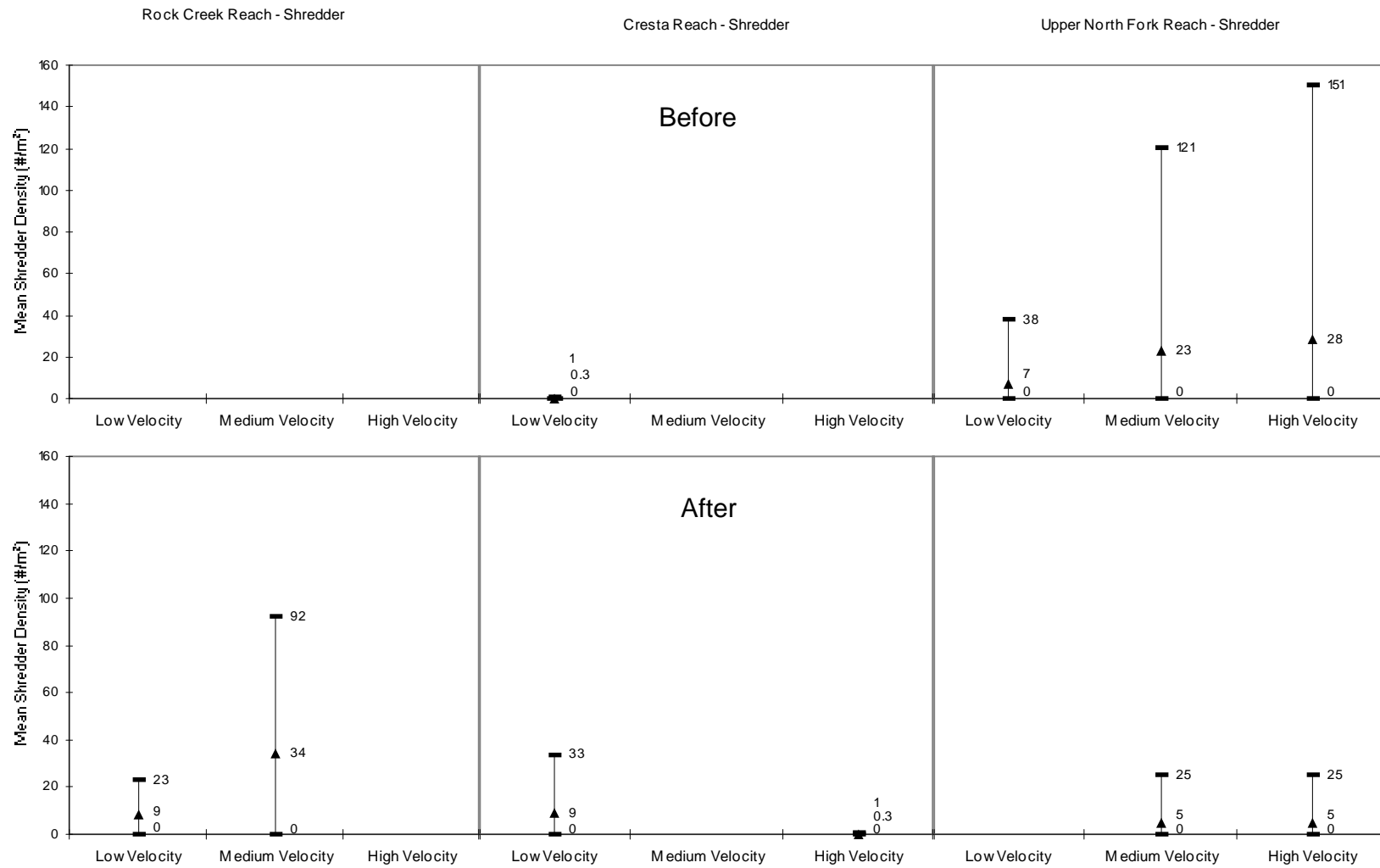
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-119. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Predators, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



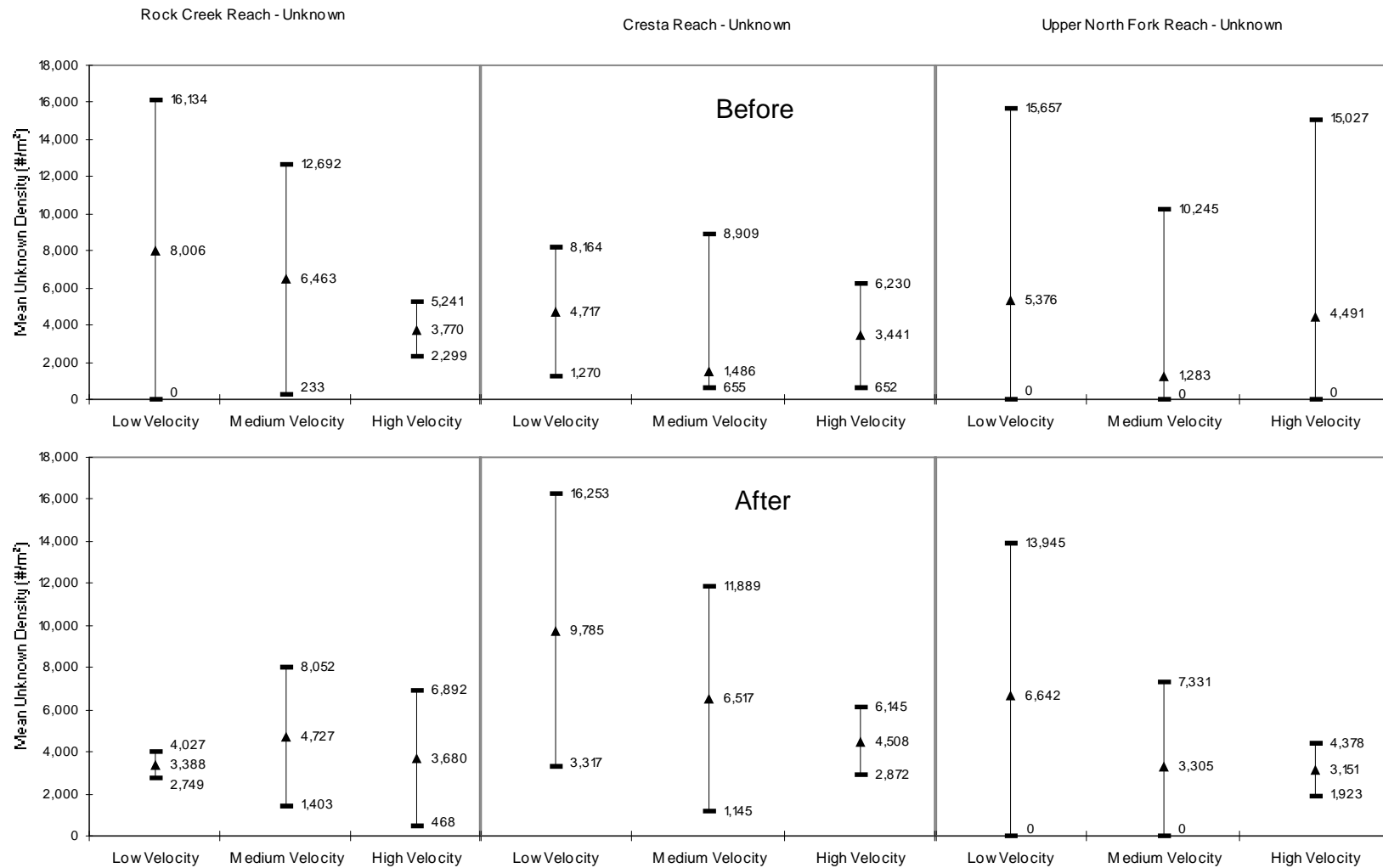
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-120. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Scrapers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



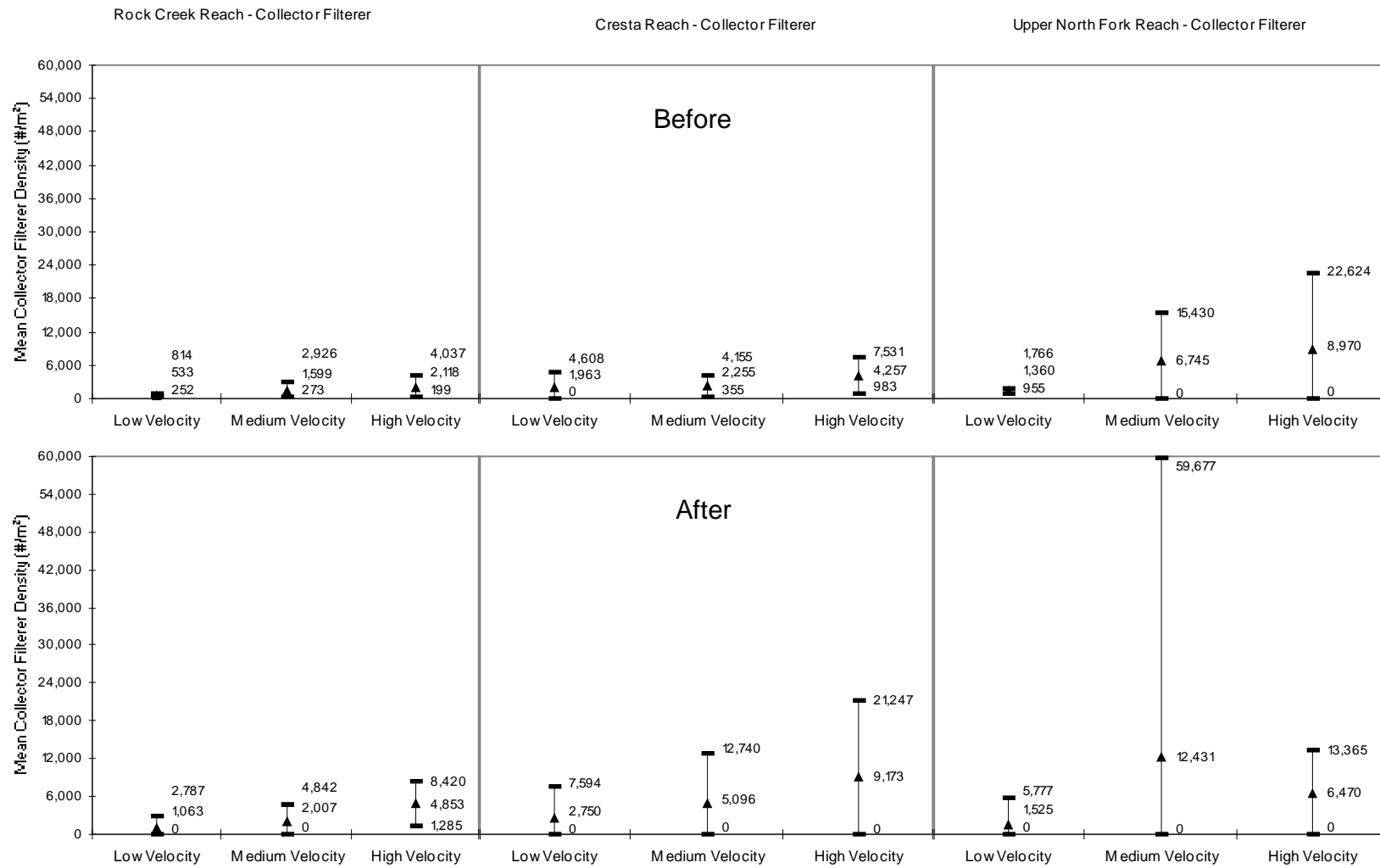
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-121. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Shredders, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



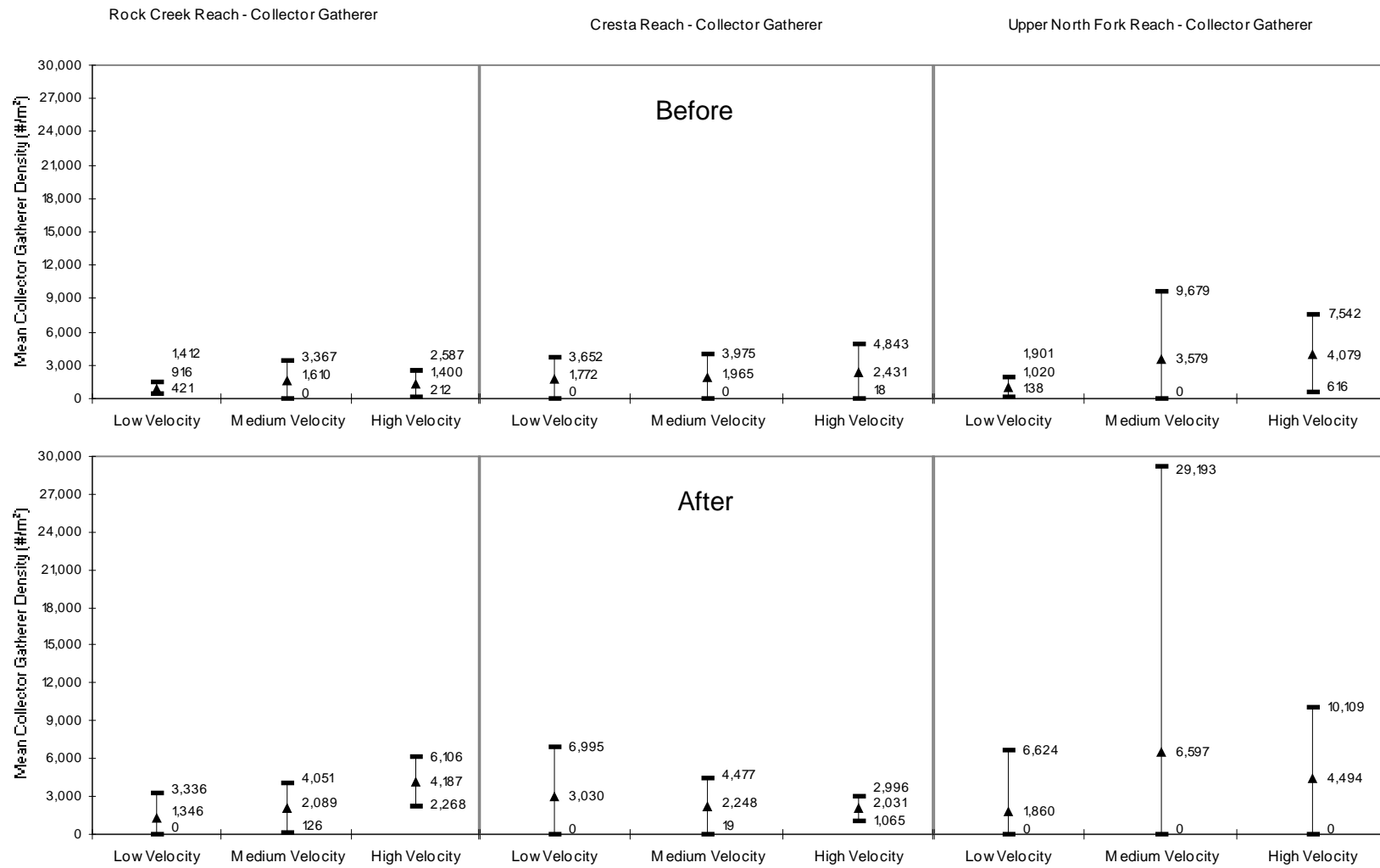
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-122. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for Unknown Functional-Feeding Groups, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



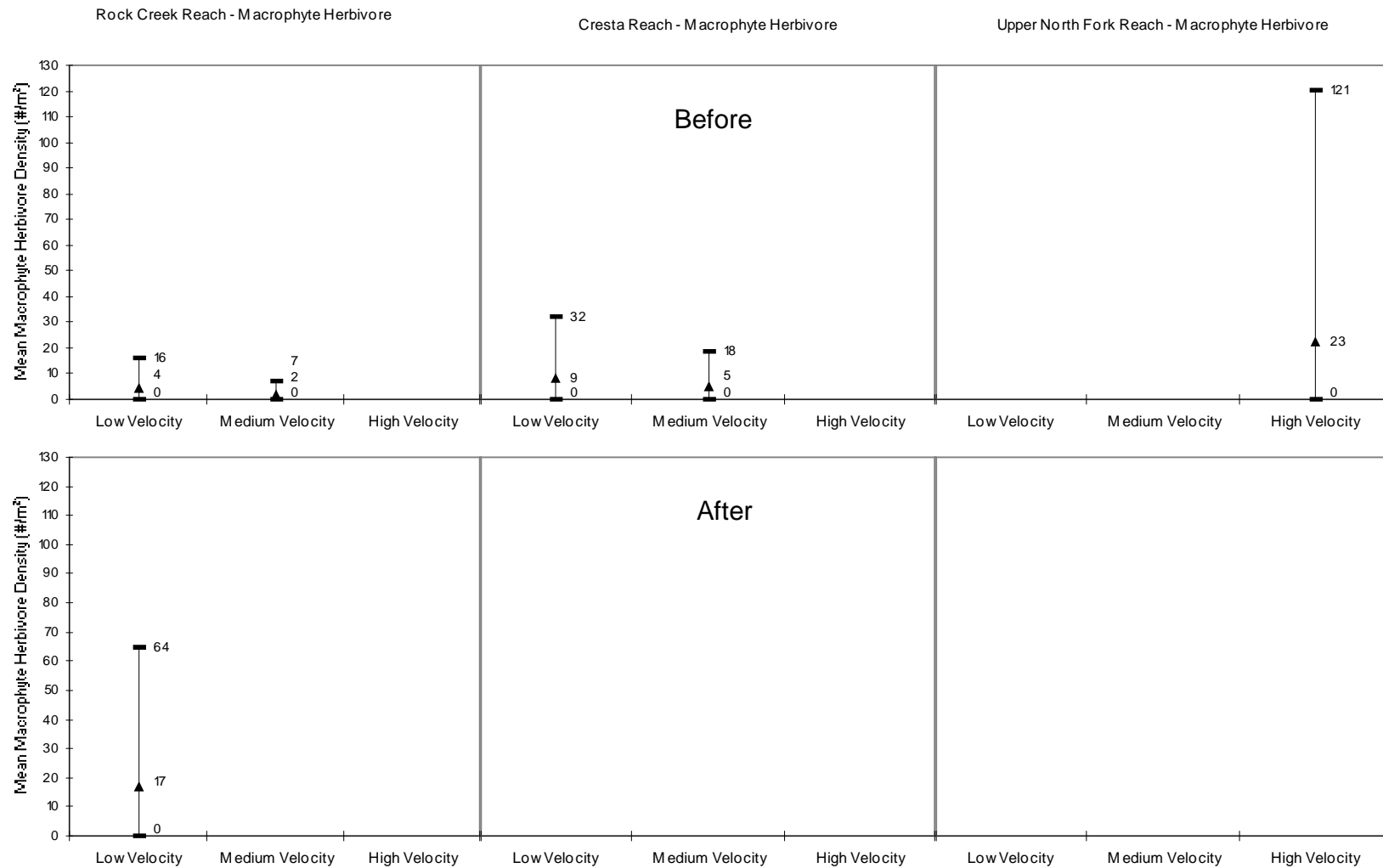
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-123. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Collector Filterers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



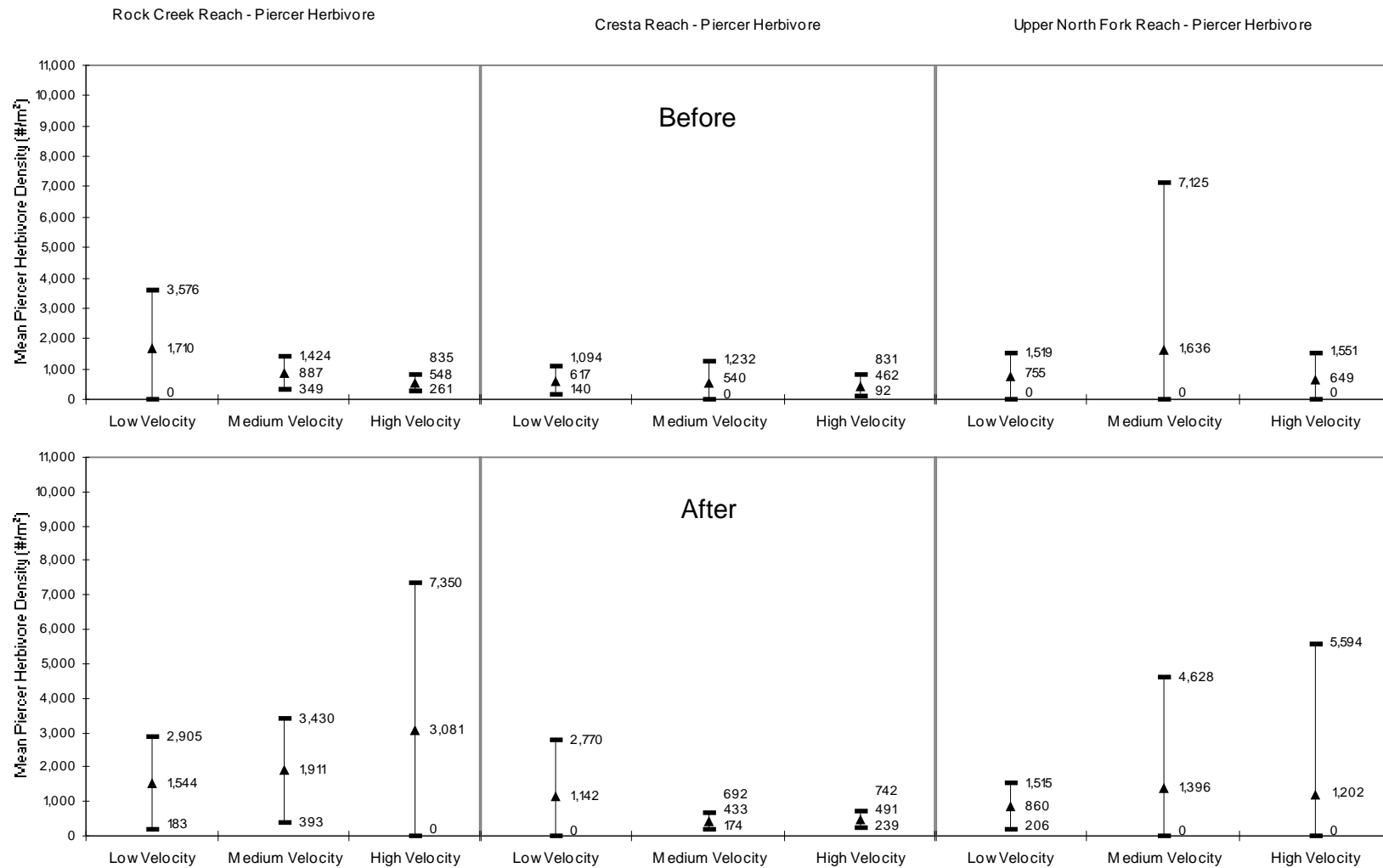
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-124. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Collector Gatherers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



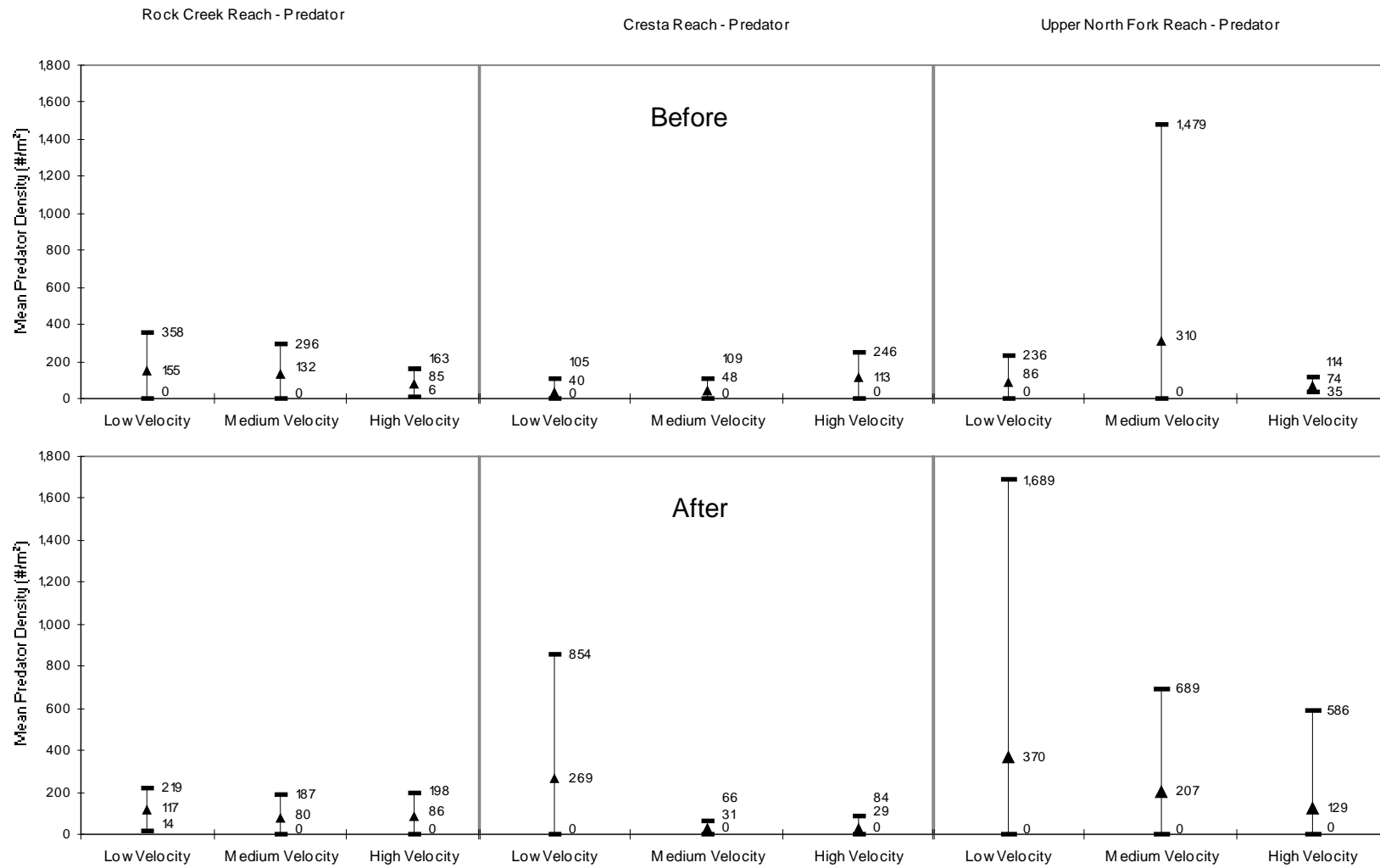
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-125. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Macrophyte Herbivores, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



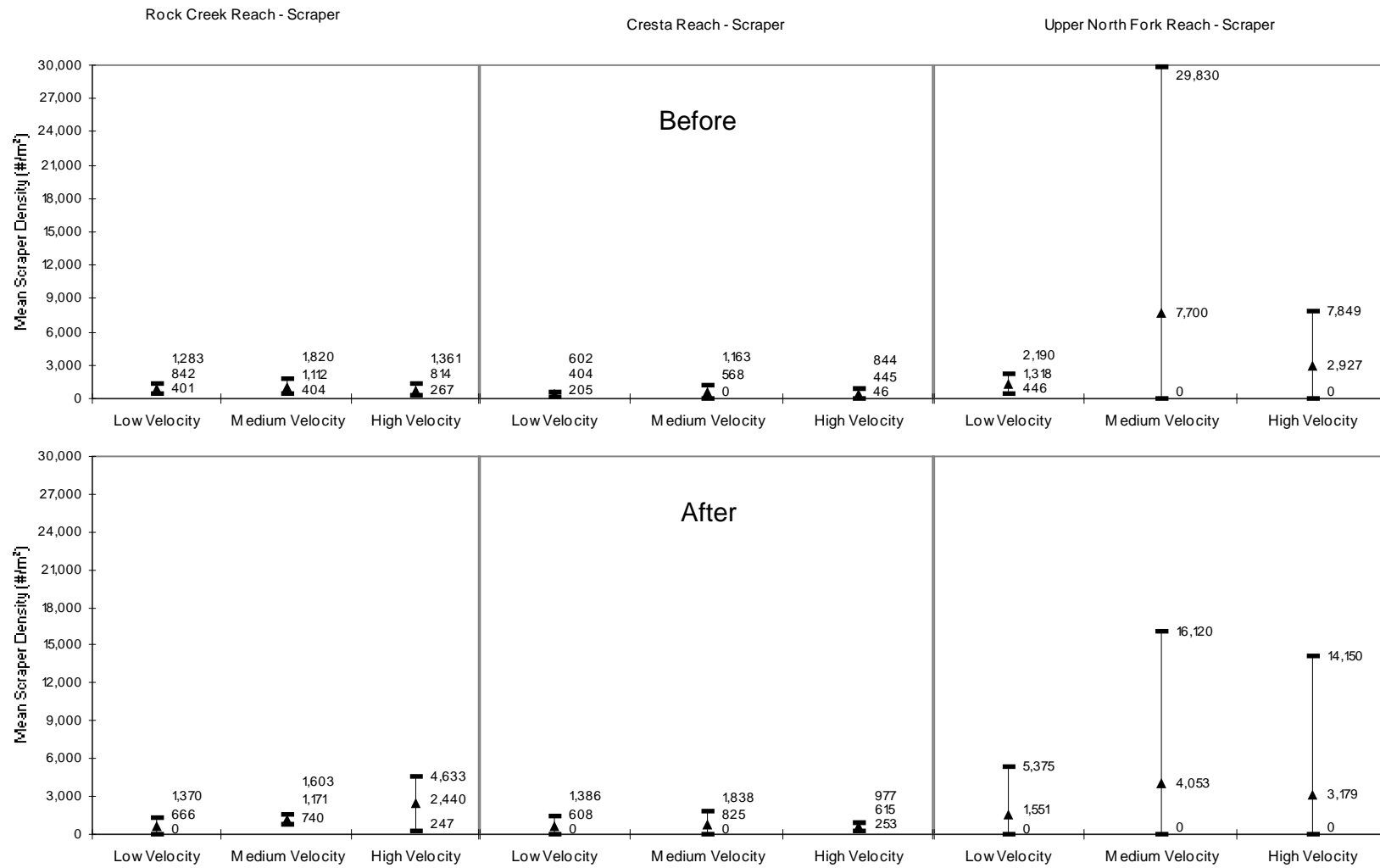
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-126. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Piercer Herbivores, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



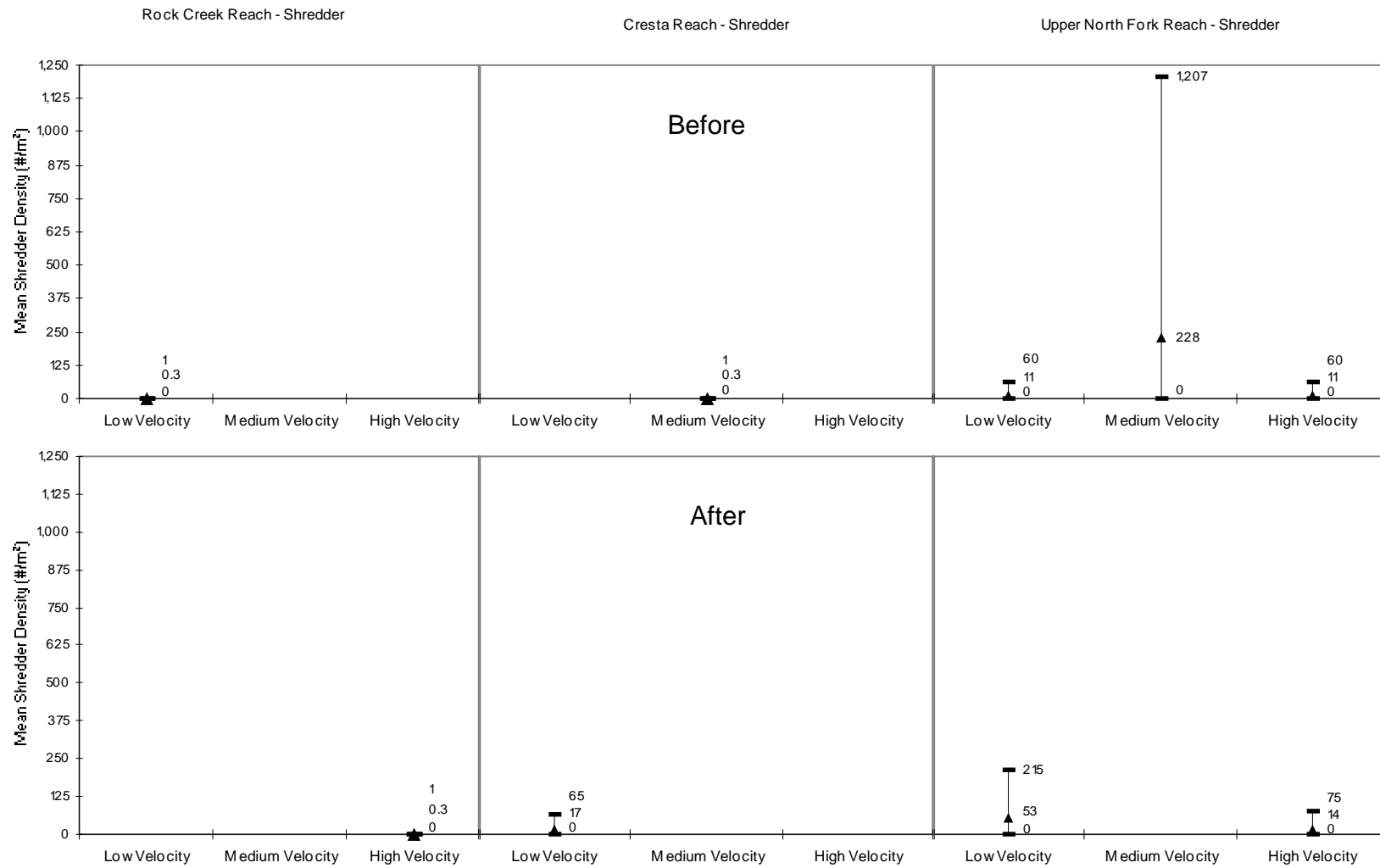
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-127. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Predators, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



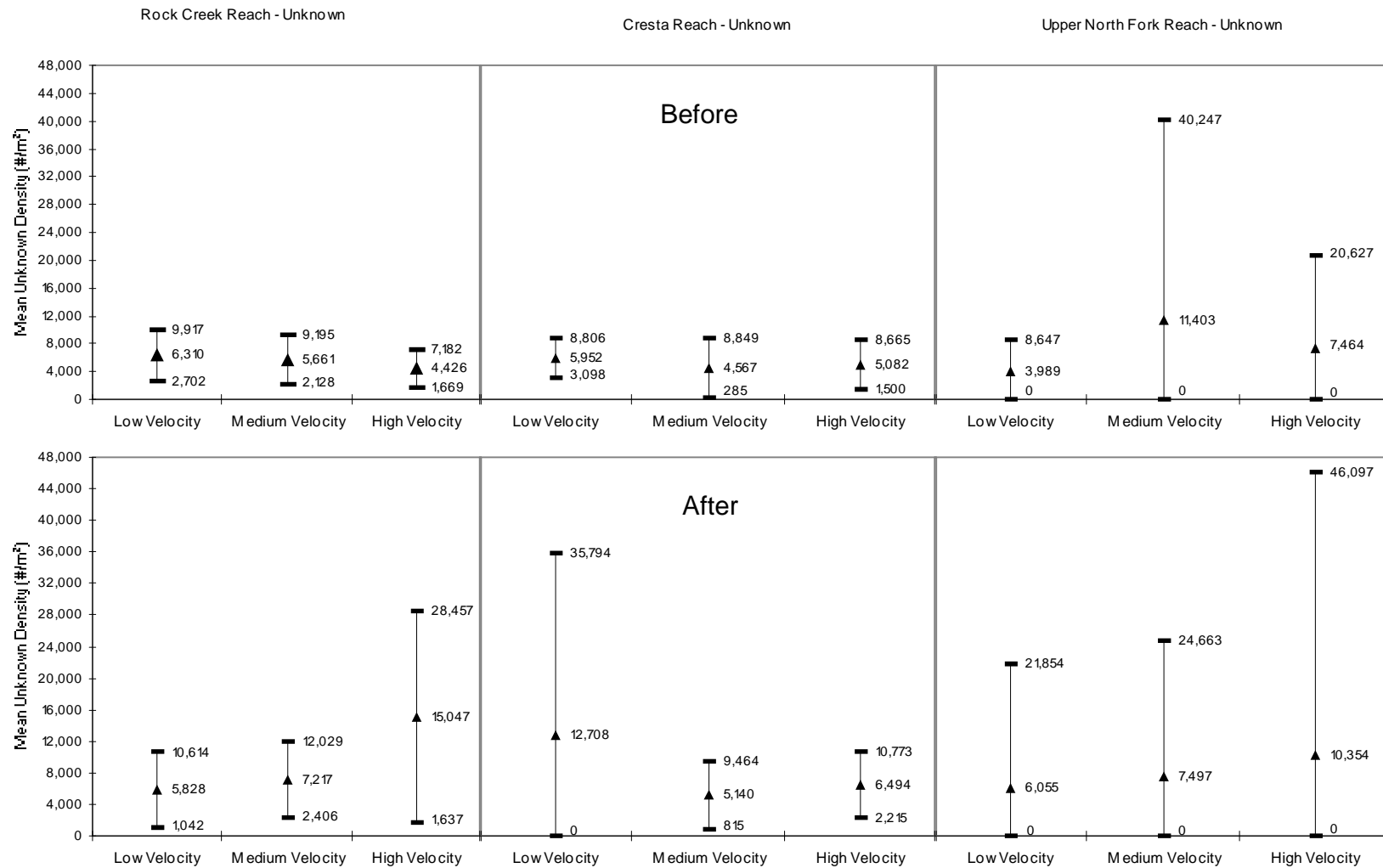
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-128. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Scrapers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



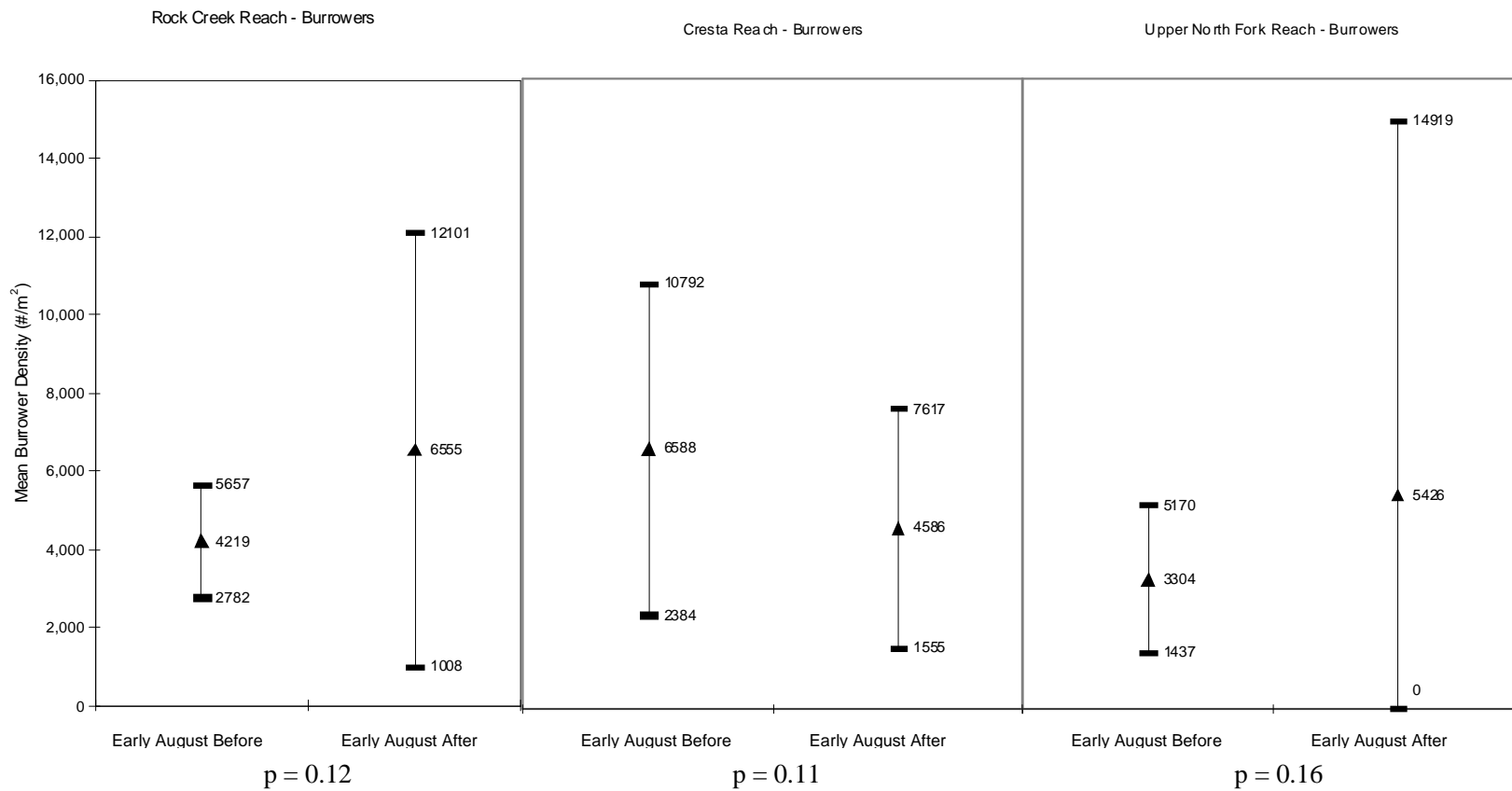
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-129. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Functional-Feeding Group Shredders, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



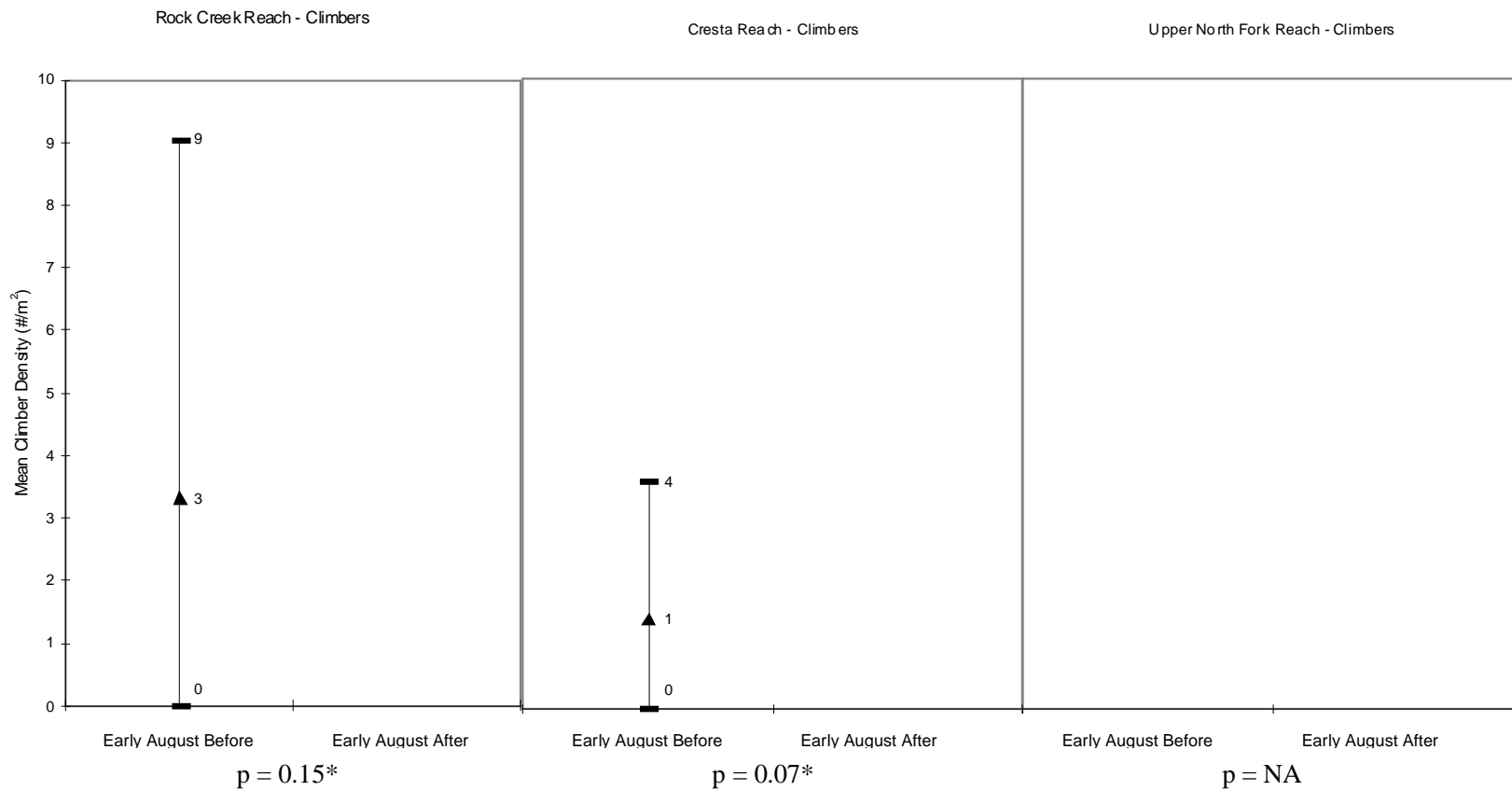
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-130. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for Unknown Functional-Feeding Groups, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



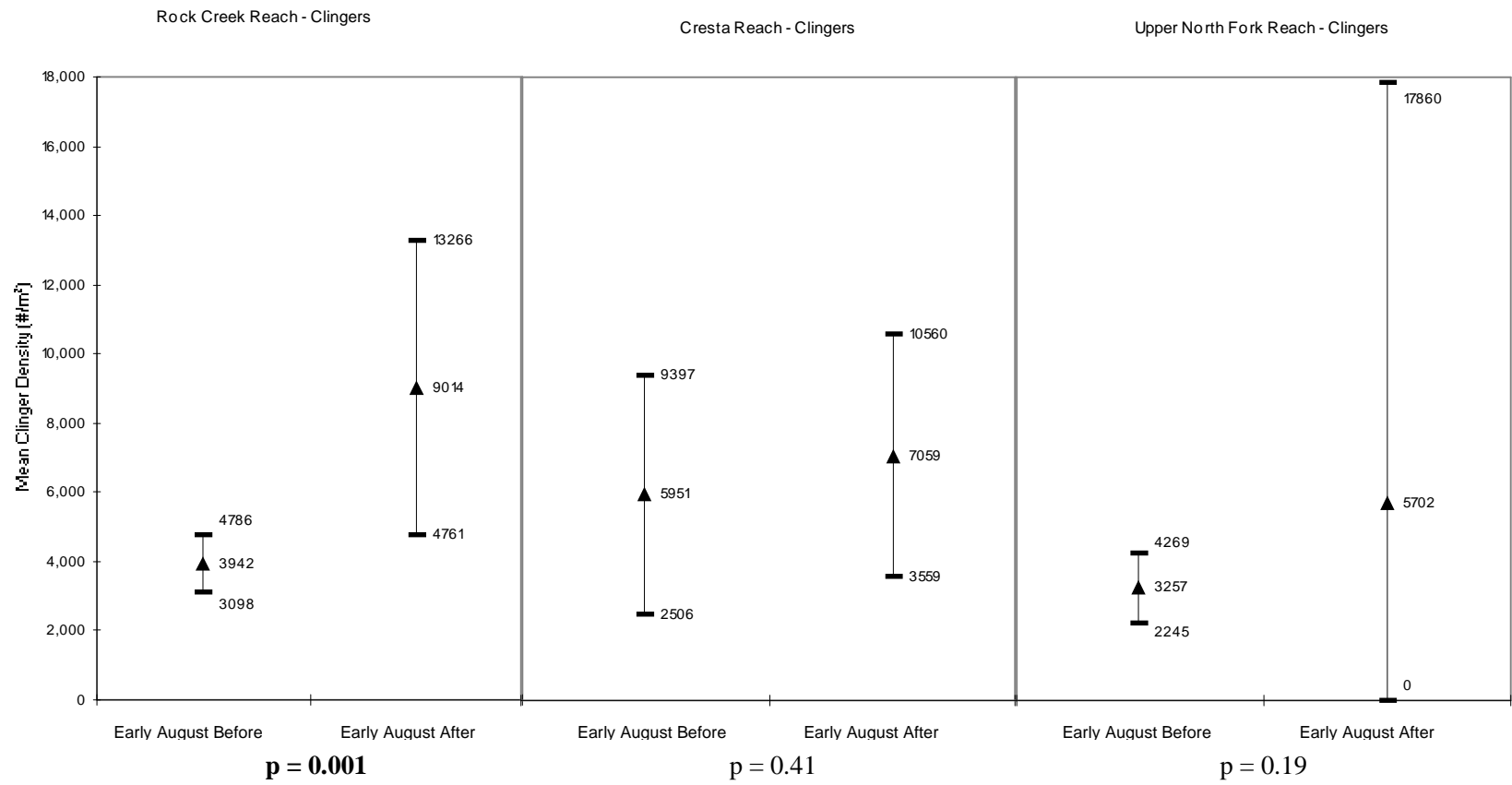
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-131. Mean Habit Groups Density for Burrower with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



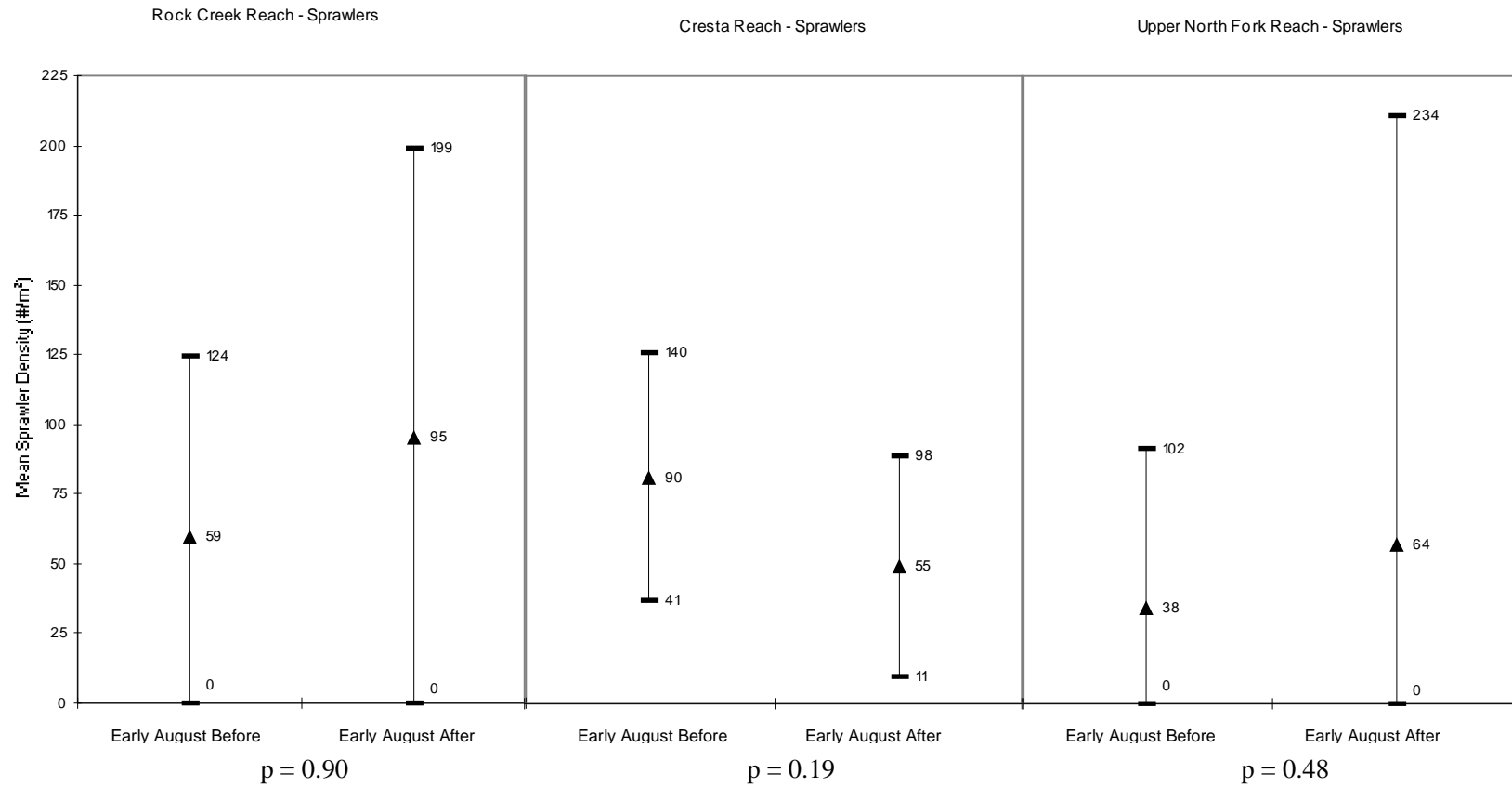
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-132. Mean Habit Groups Density for Climber with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008 (* = Kruskal-Wallis p-value).



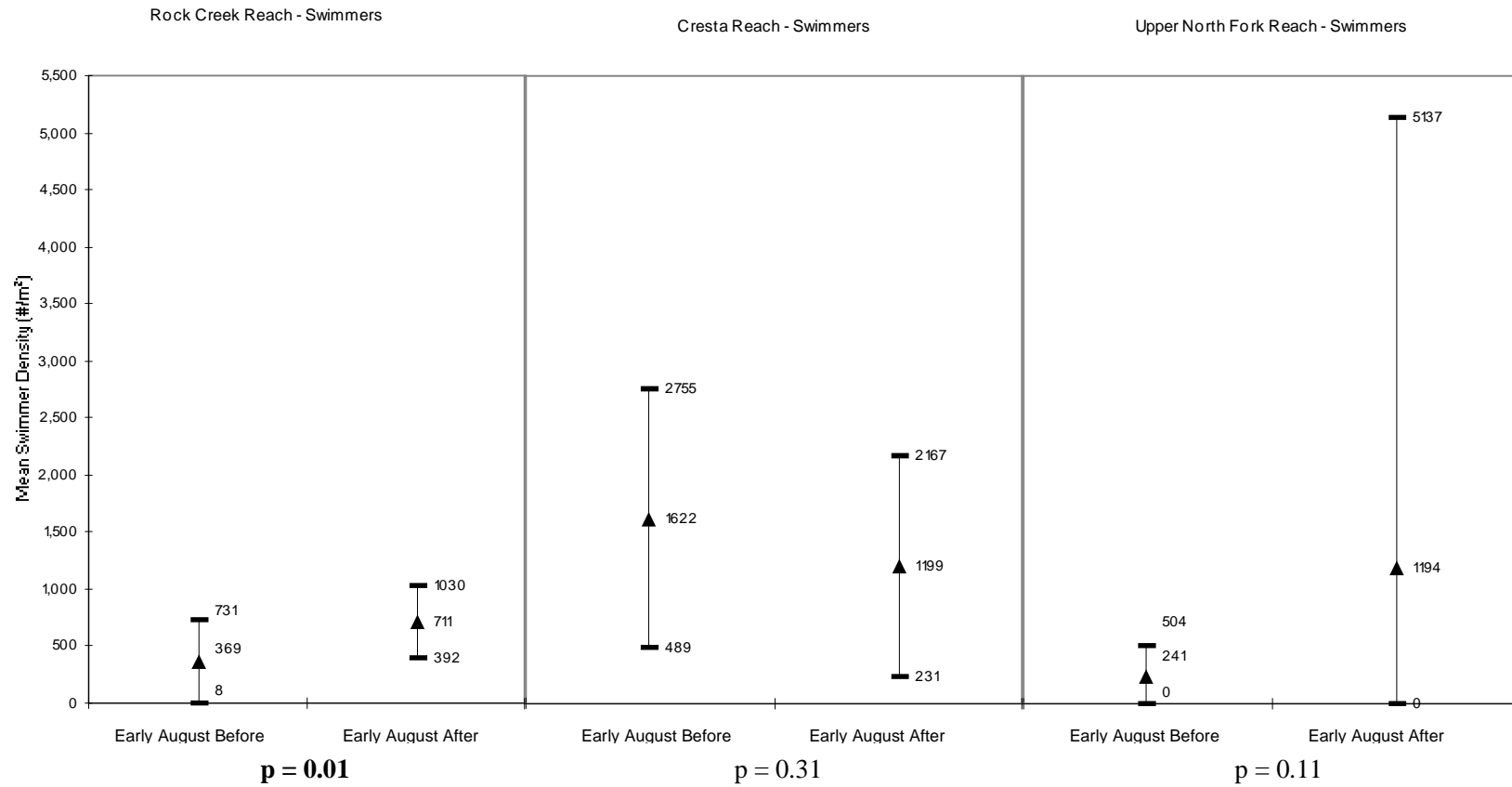
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-133. Mean Habit Groups Density for Clinger with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



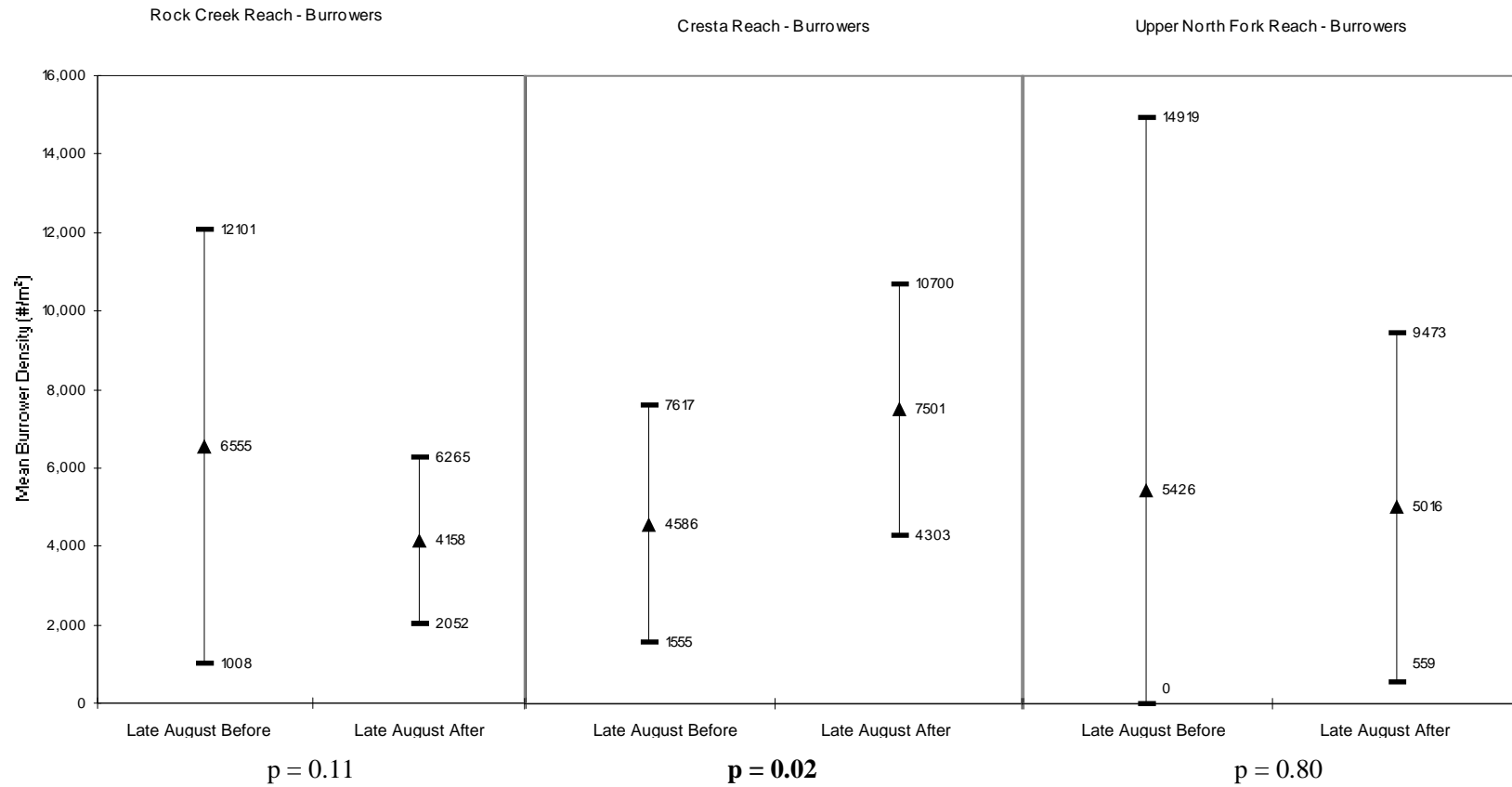
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-134. Mean Habit Groups Density for Sprawler with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



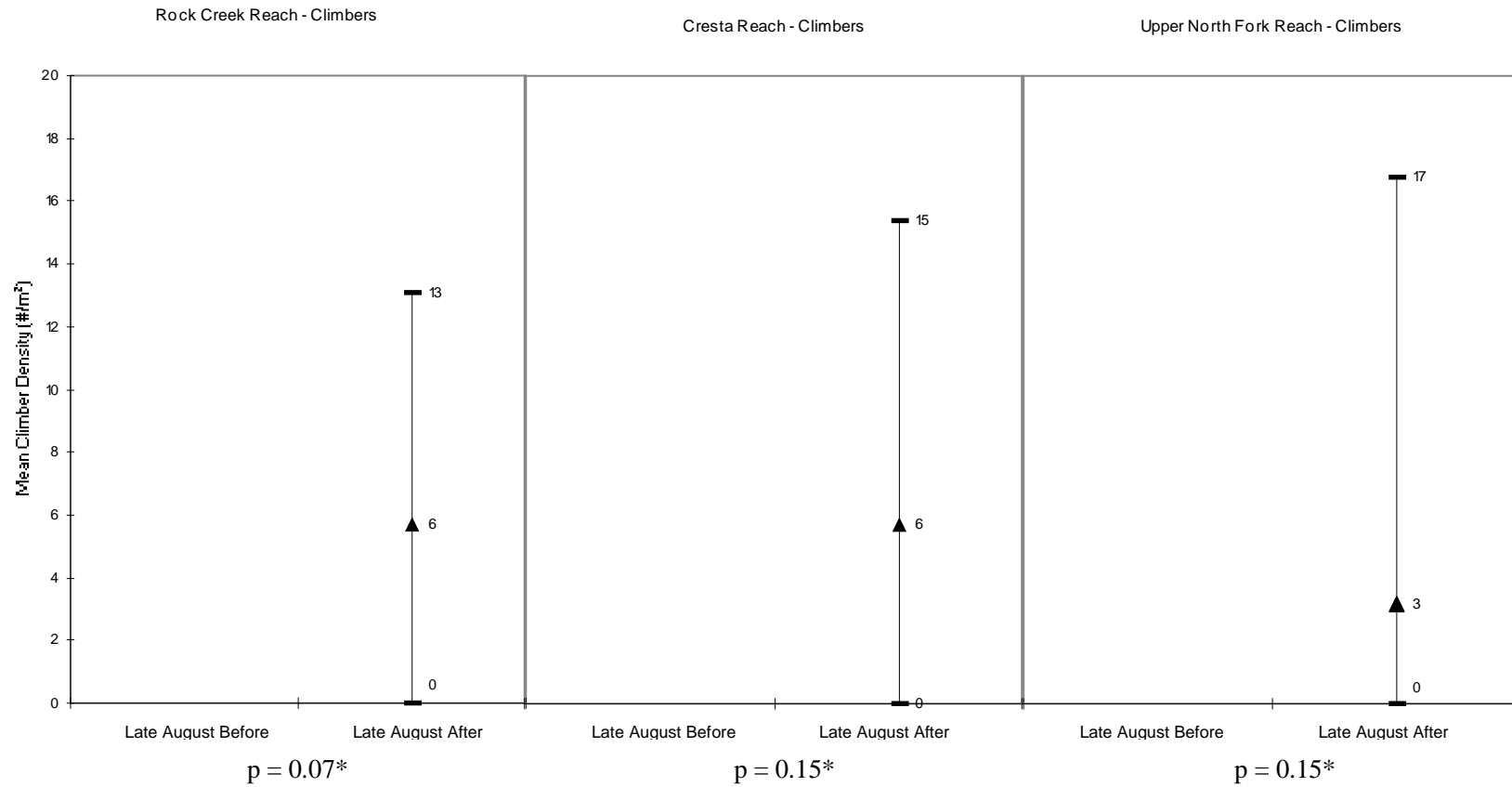
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-135. Mean Habit Groups Density for Swimmer with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



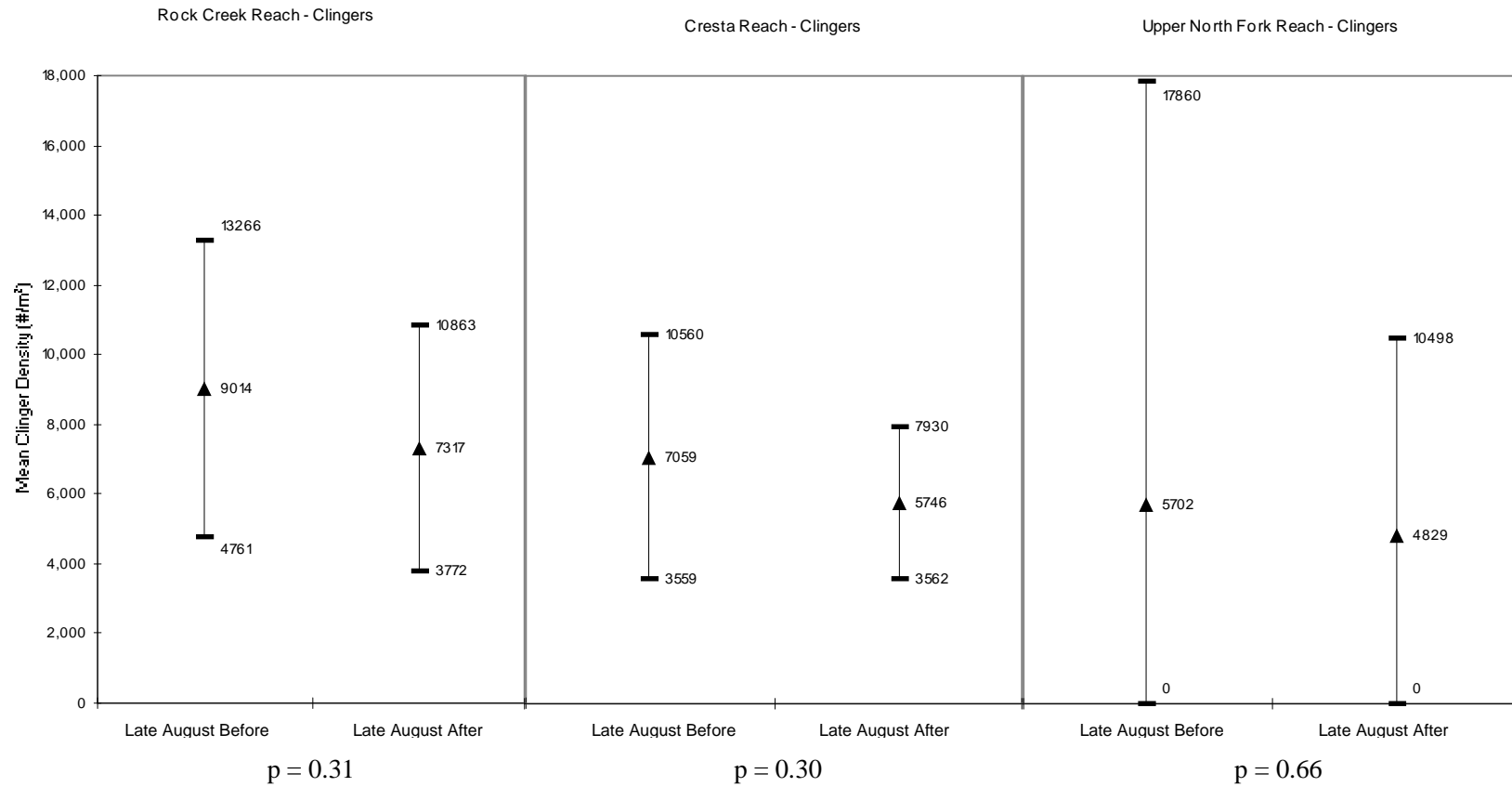
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-136. Mean Habit Groups Density for Burrower with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008



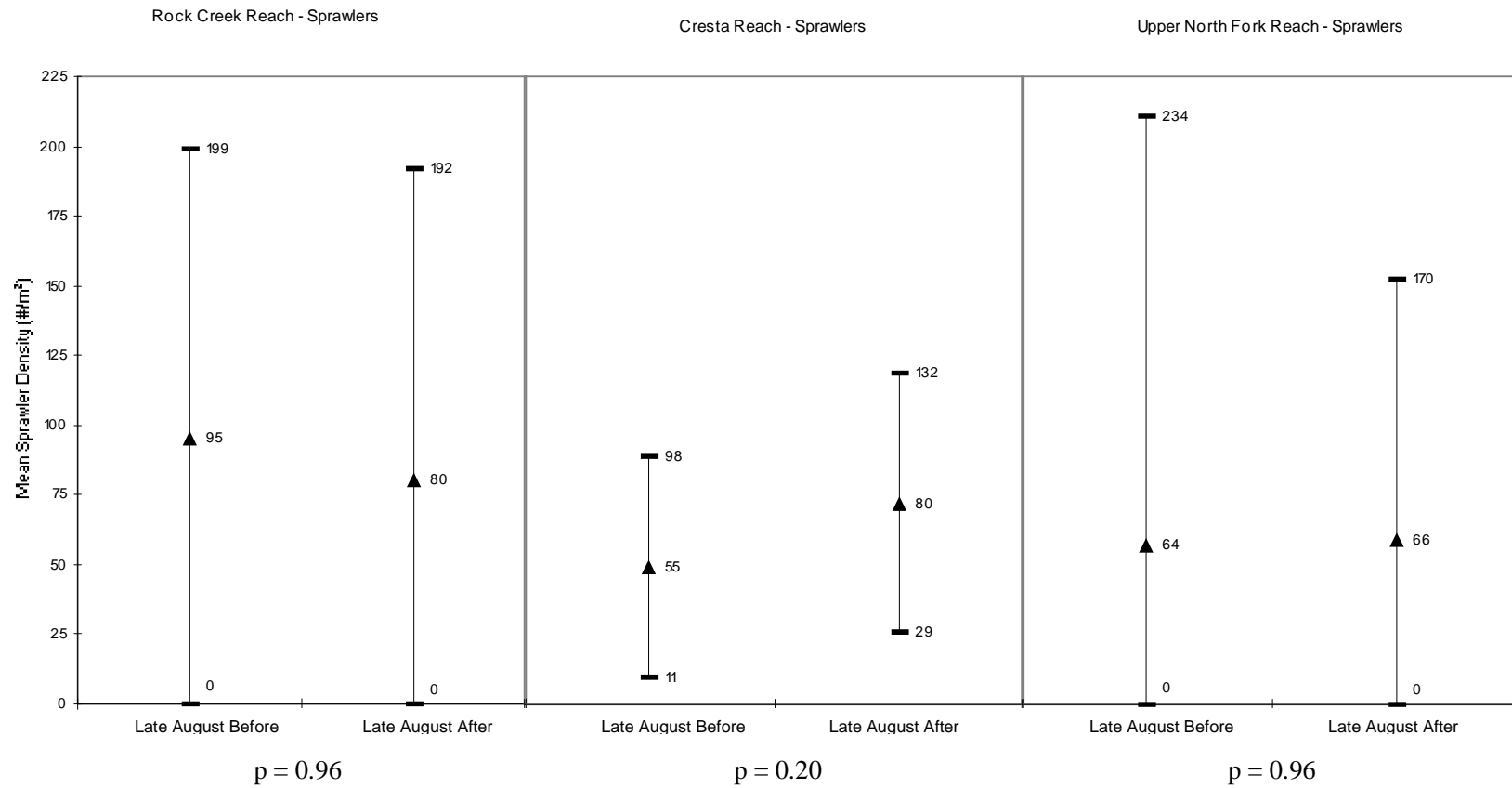
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-137. Mean Habit Groups Density for Climber with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008 (* = Kruskal-Wallis p-value).



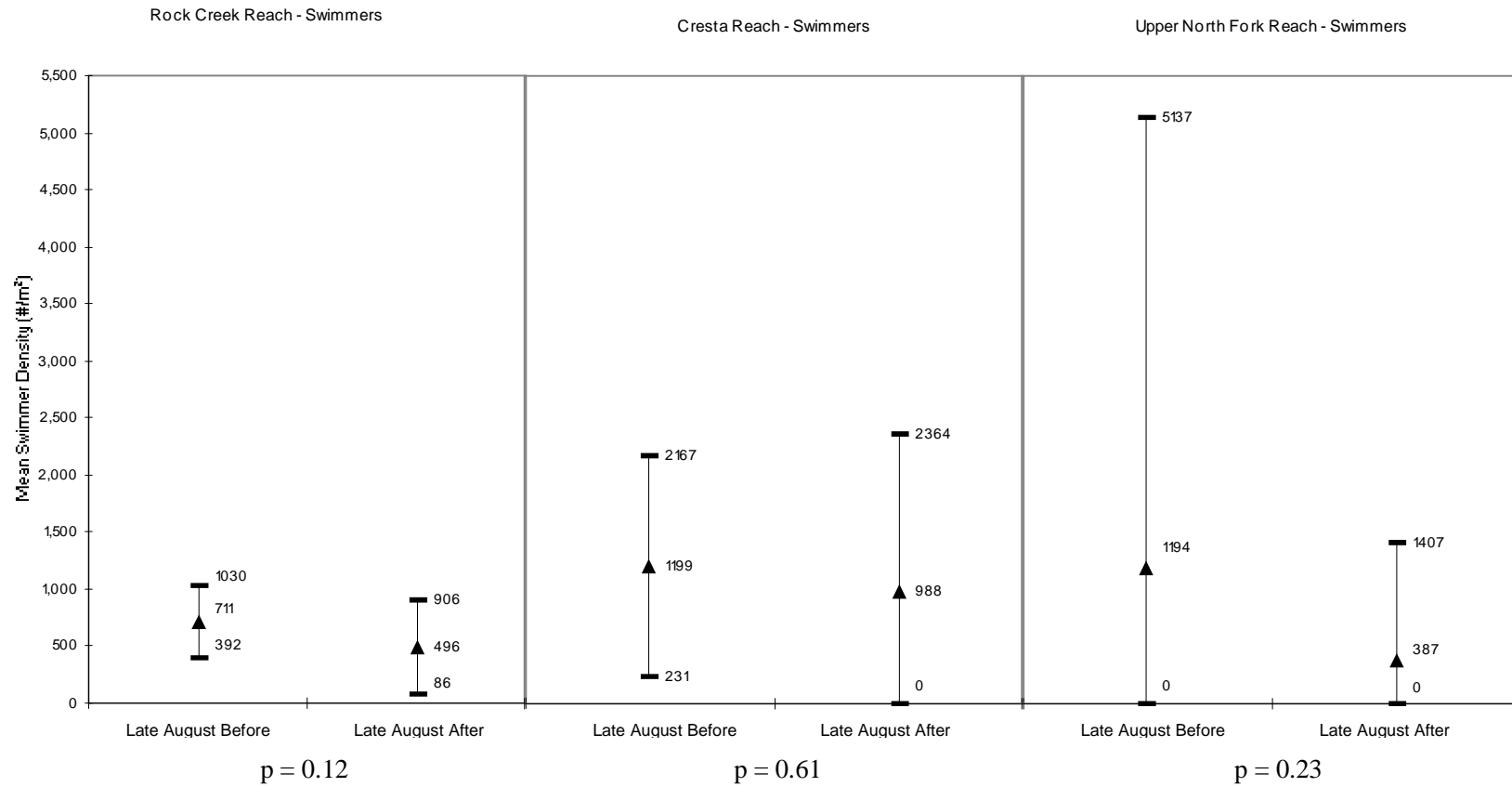
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-138. Mean Habit Groups Density for Clinger with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



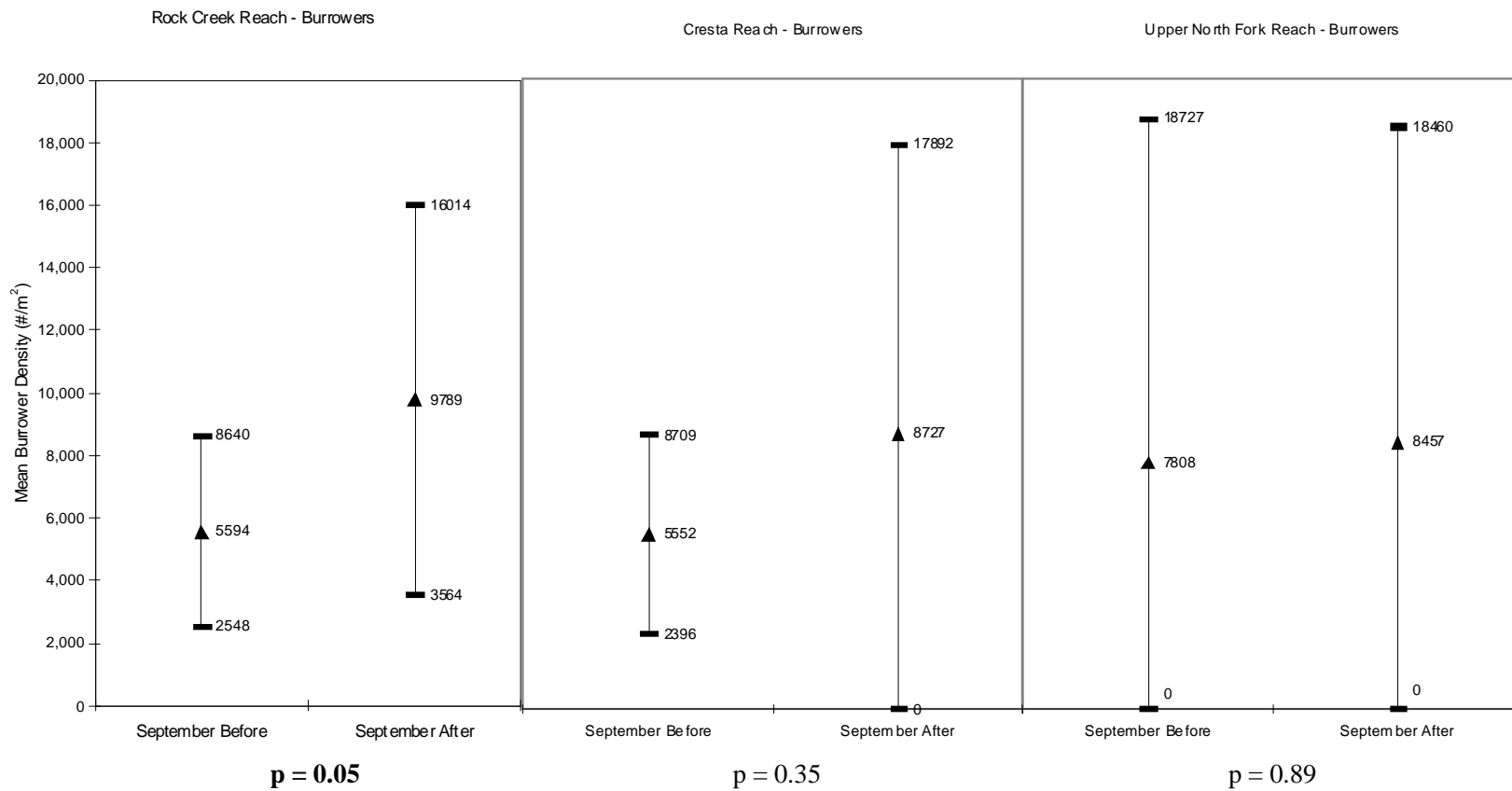
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-139. Mean Habit Groups Density for Sprawler with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



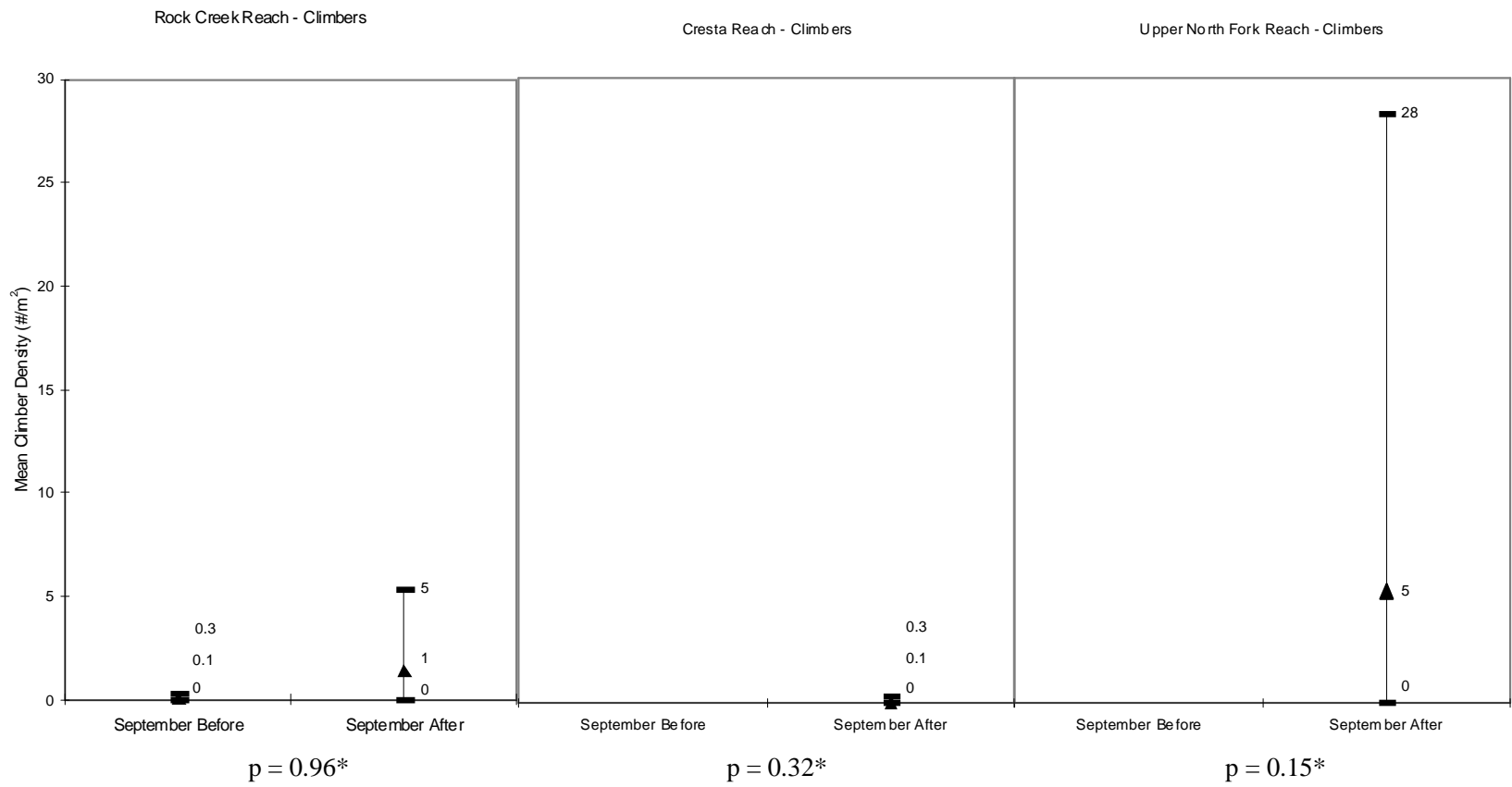
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-140. Mean Habit Groups Density for Swimmer with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



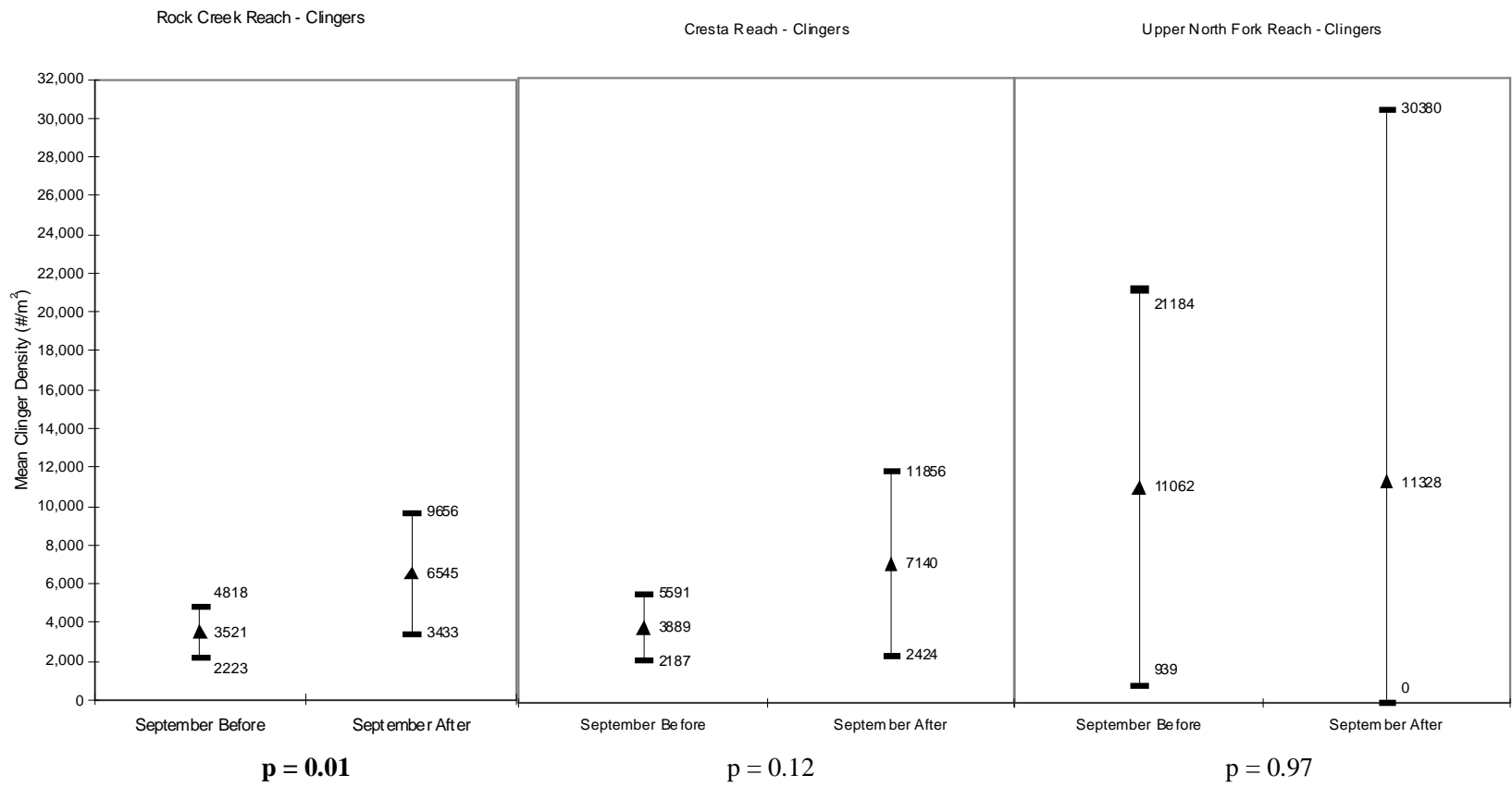
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-141. Mean Habit Groups Density for Burrower with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



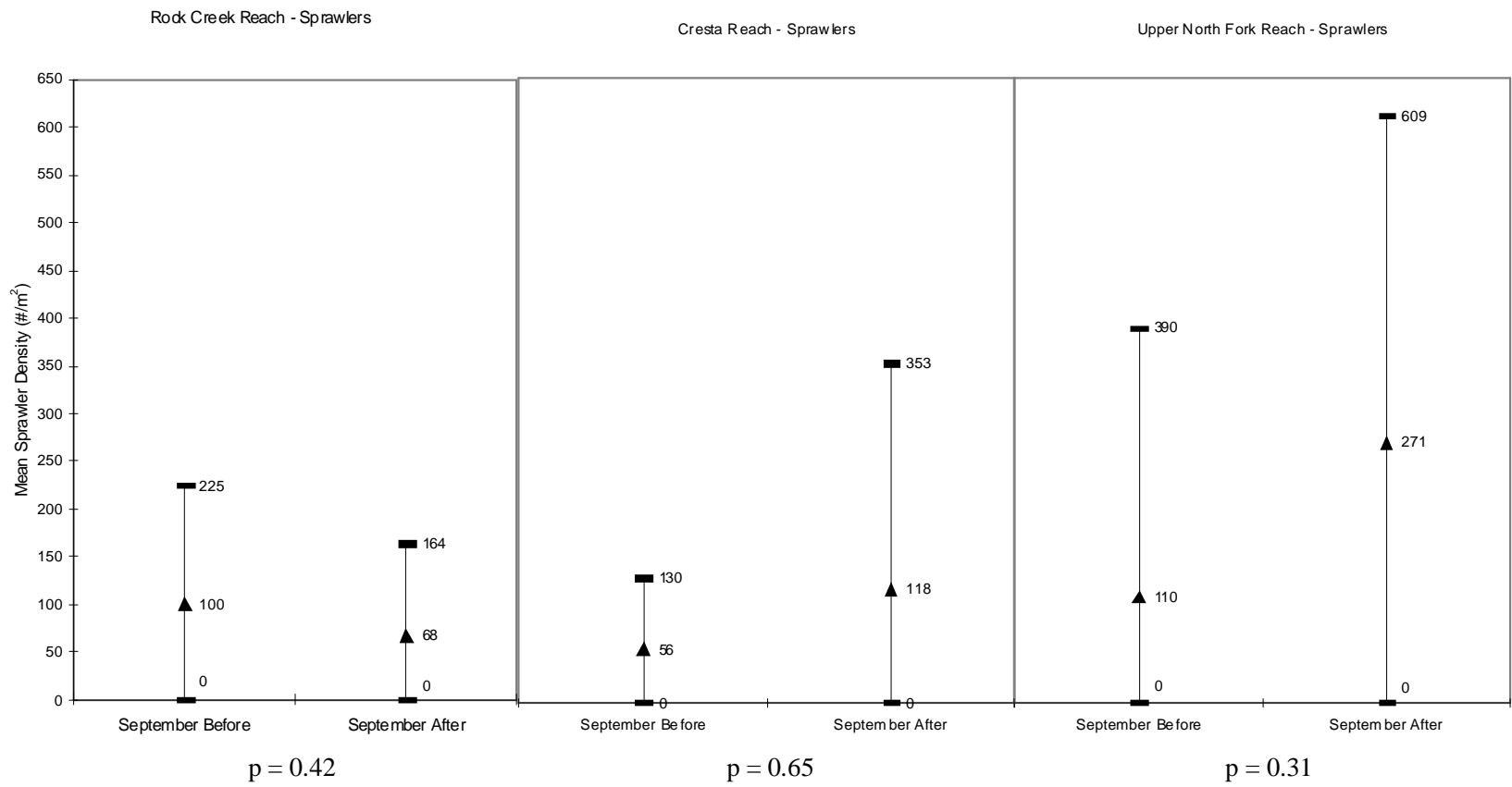
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-142. Mean Habit Groups Density for Climber with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008 (*= Kruskal-Wallis p-value).



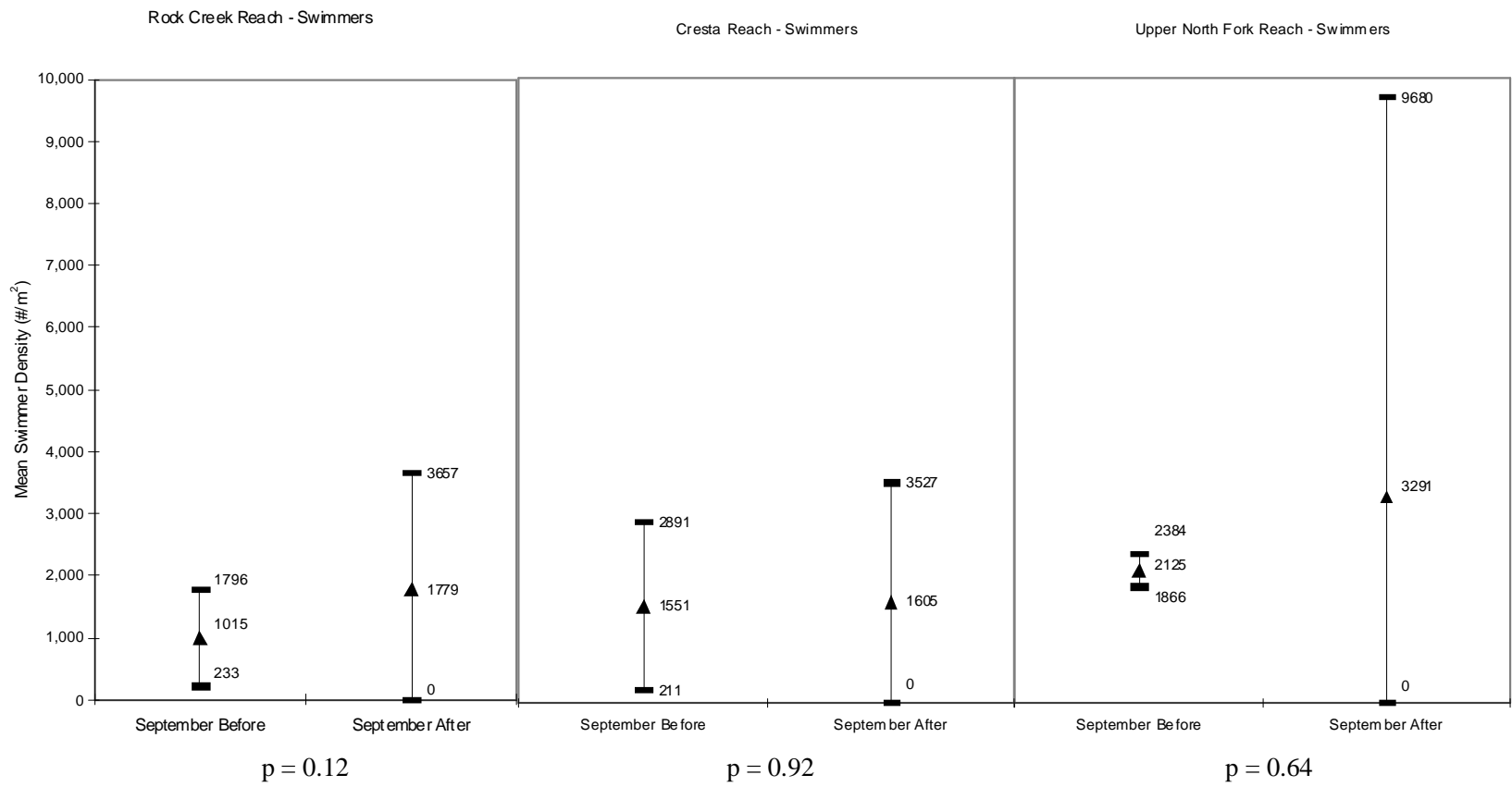
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-143. Mean Habit Groups Density for Clinger with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



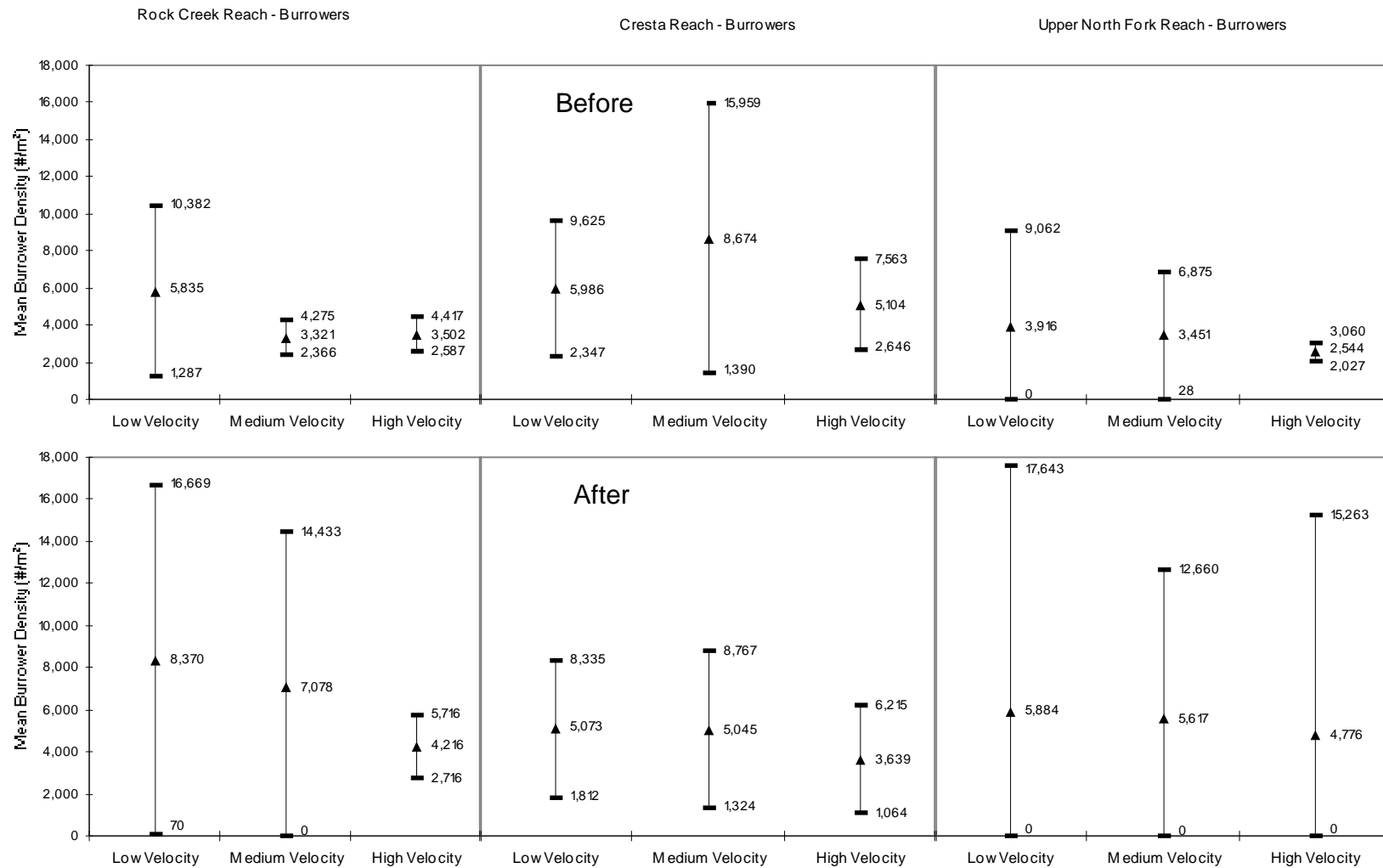
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-144. Mean Habit Groups Density for Sprawler with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



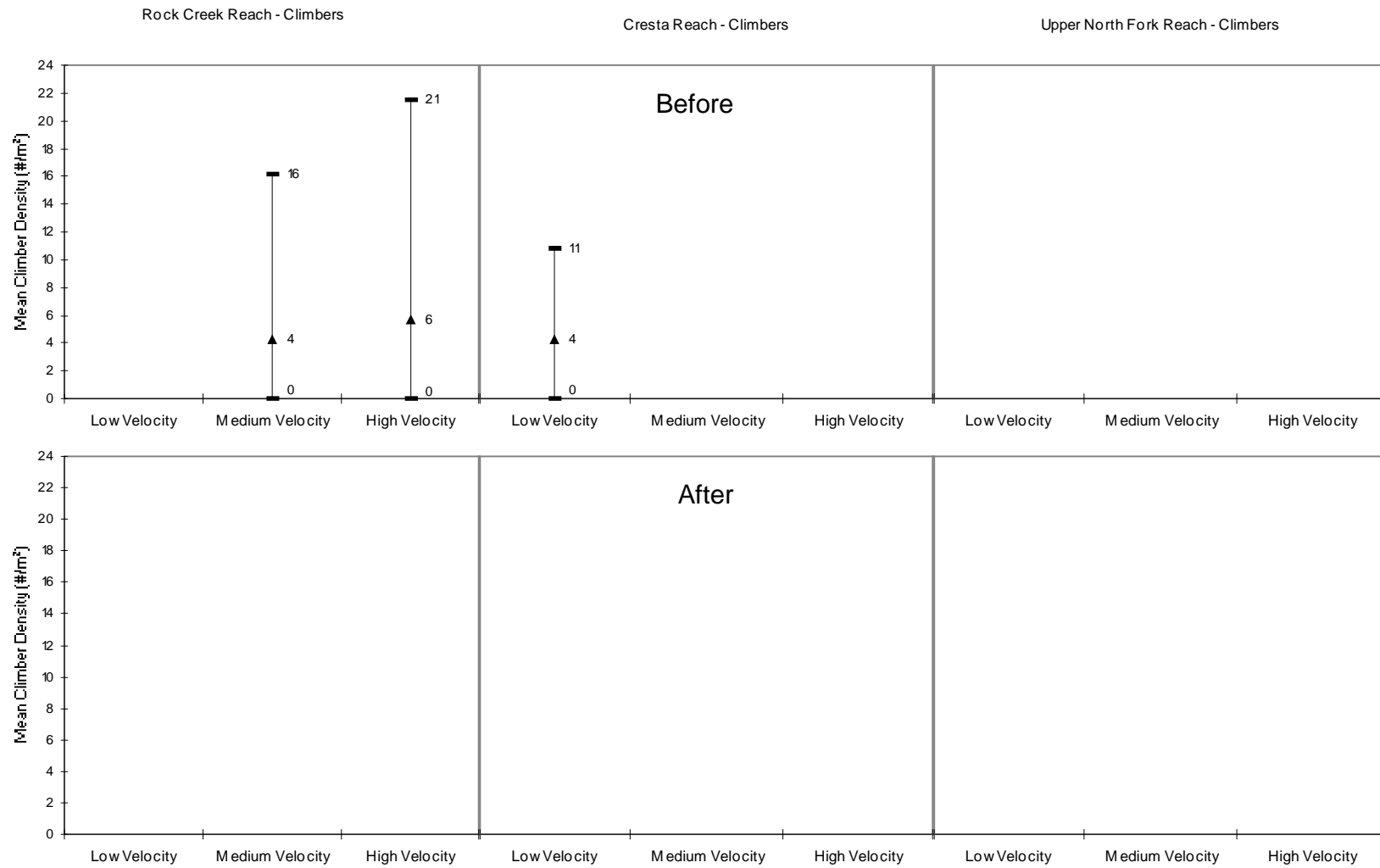
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-145. Mean Habit Groups Density for Swimmer with 95 Percent Confidence Intervals on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



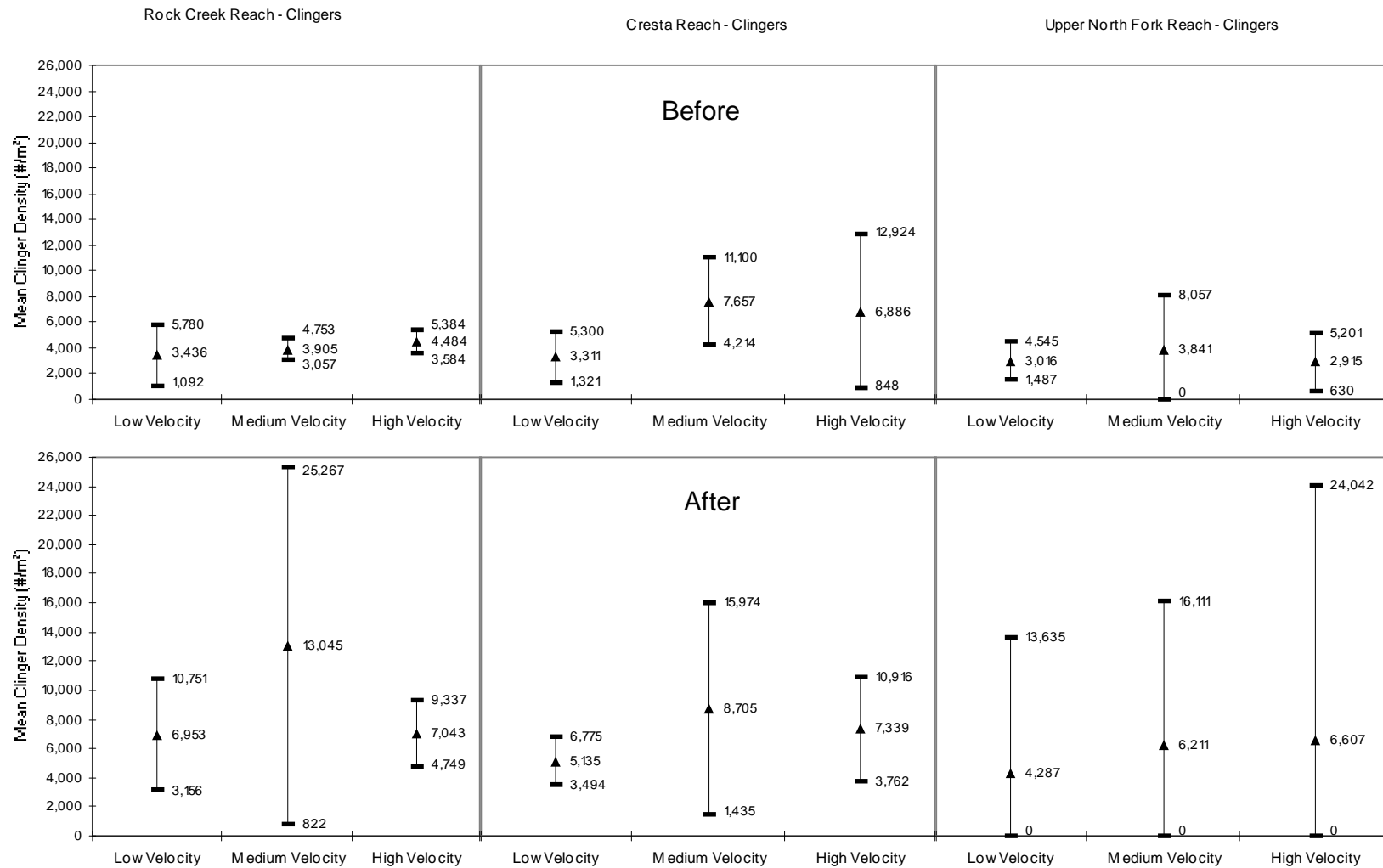
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-146. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Burrower, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



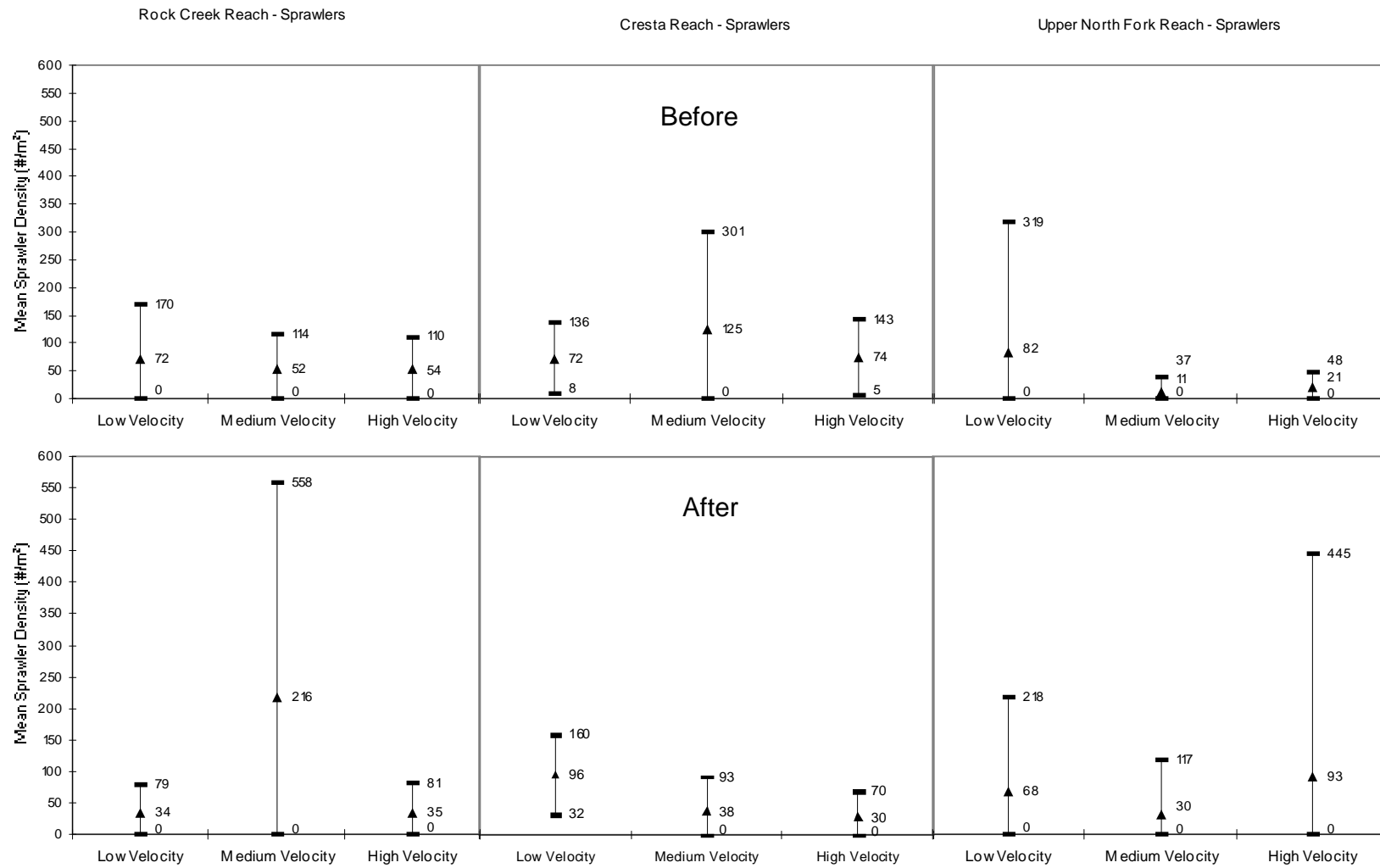
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-147. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Climber, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



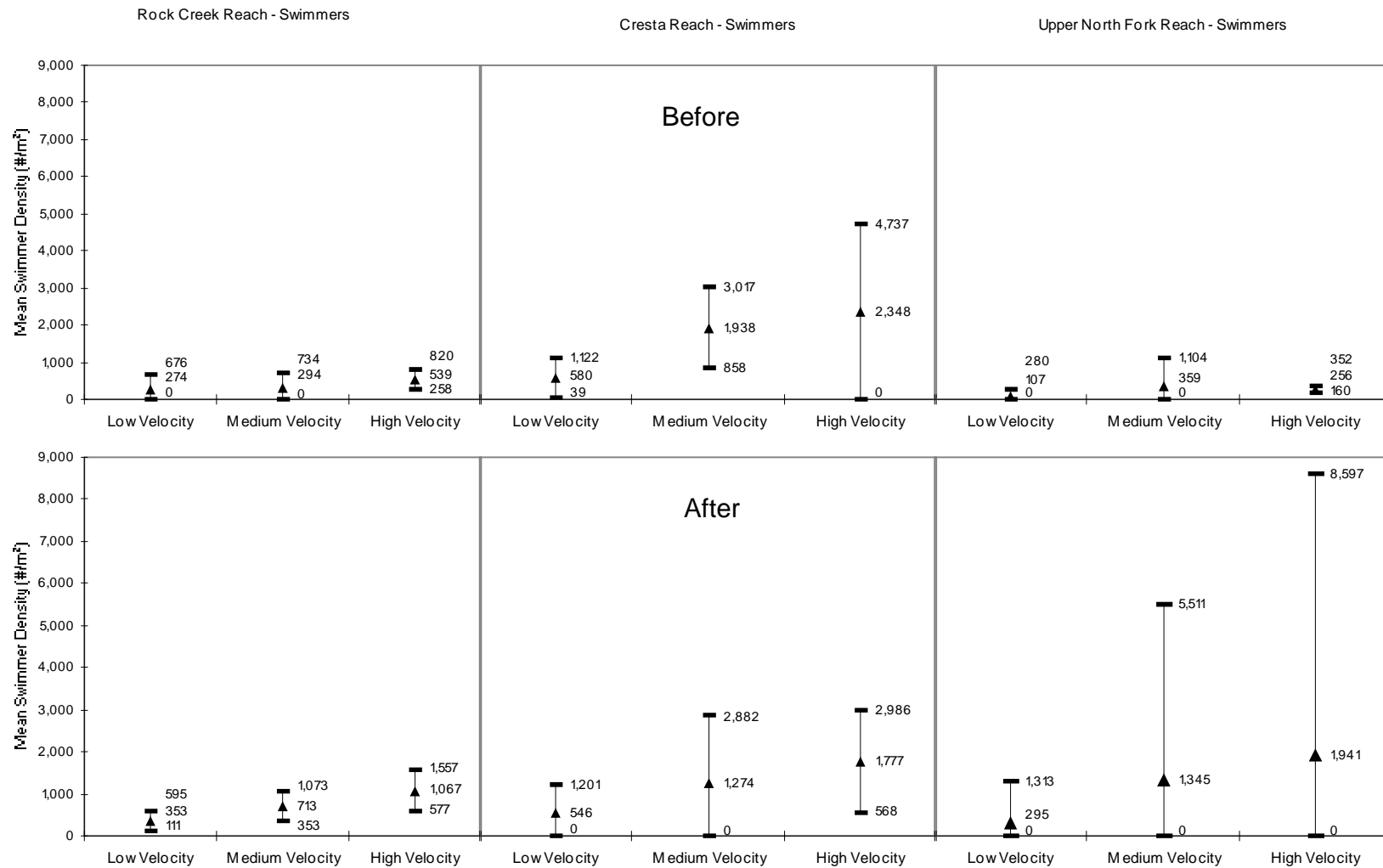
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-148. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Clinger, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



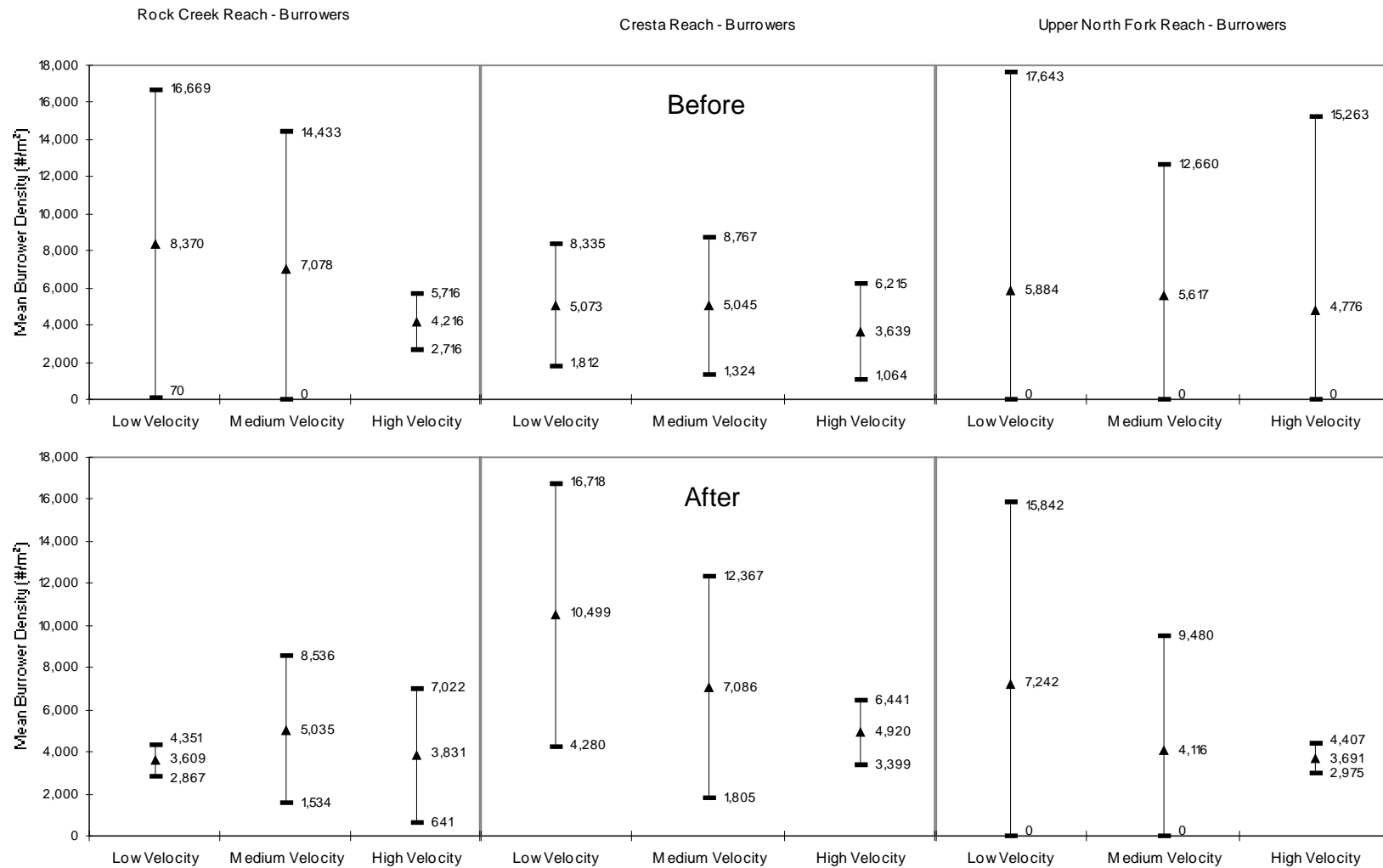
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-149. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Sprawler, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



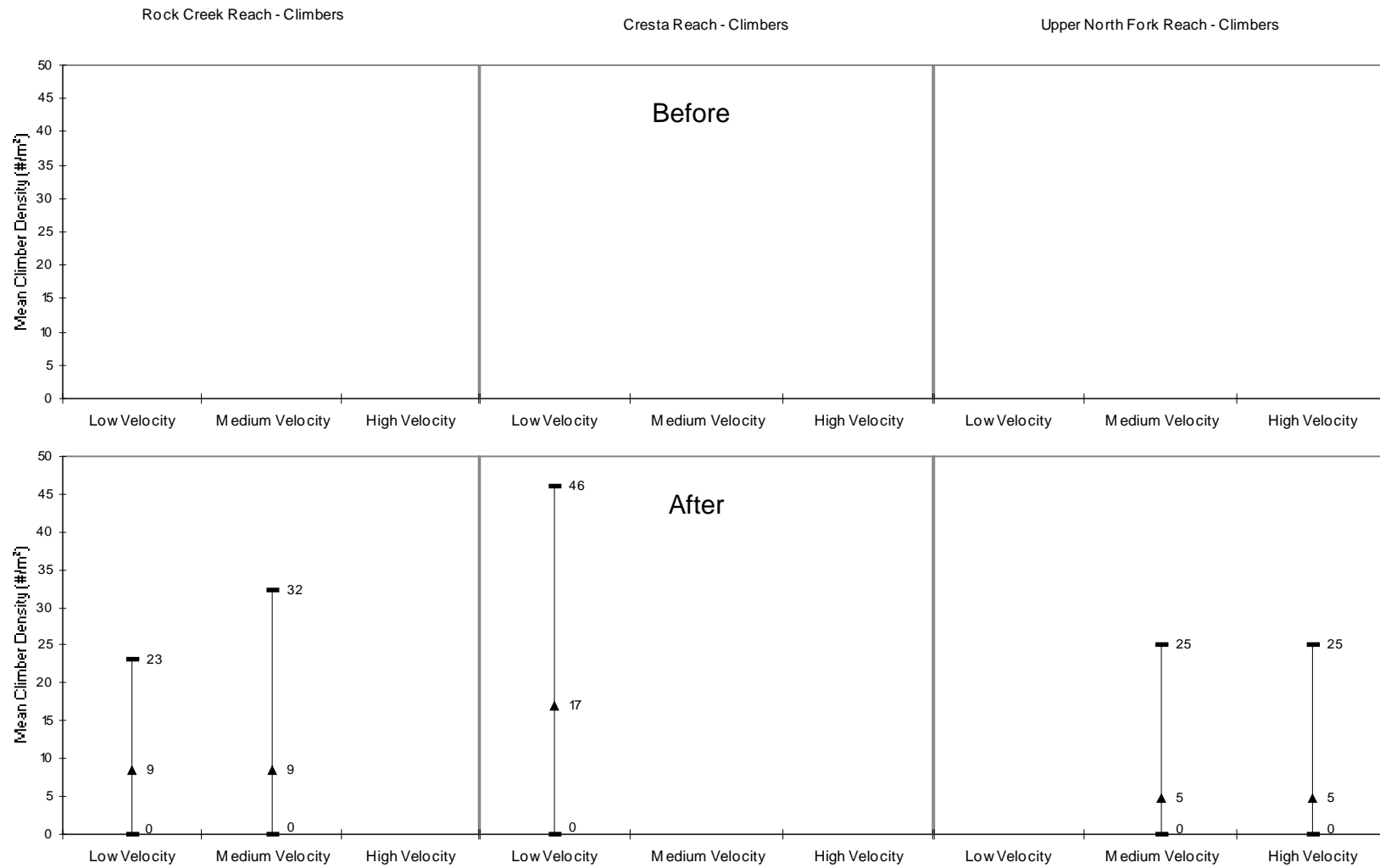
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-150. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Swimmer, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



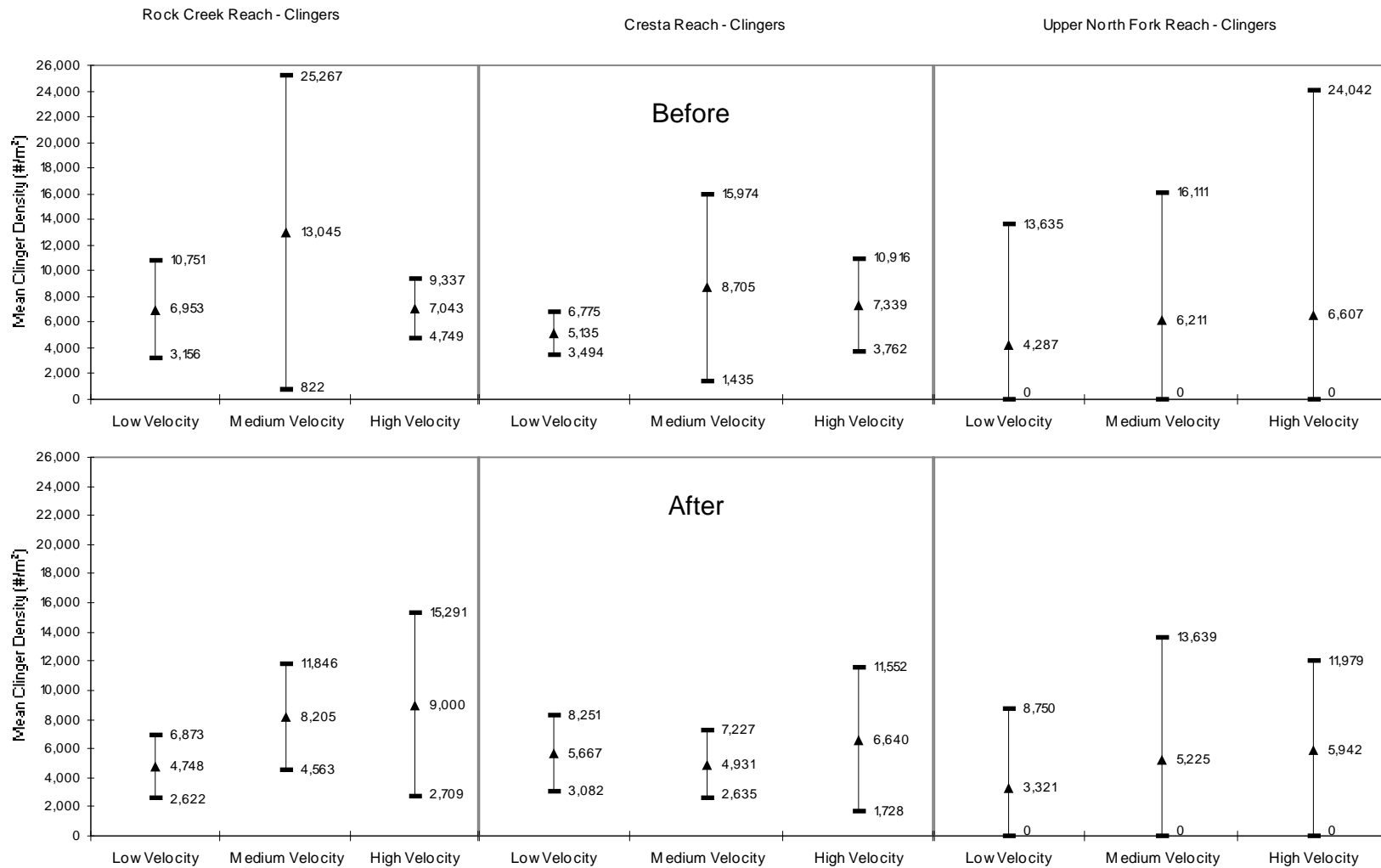
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-151. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Burrowers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



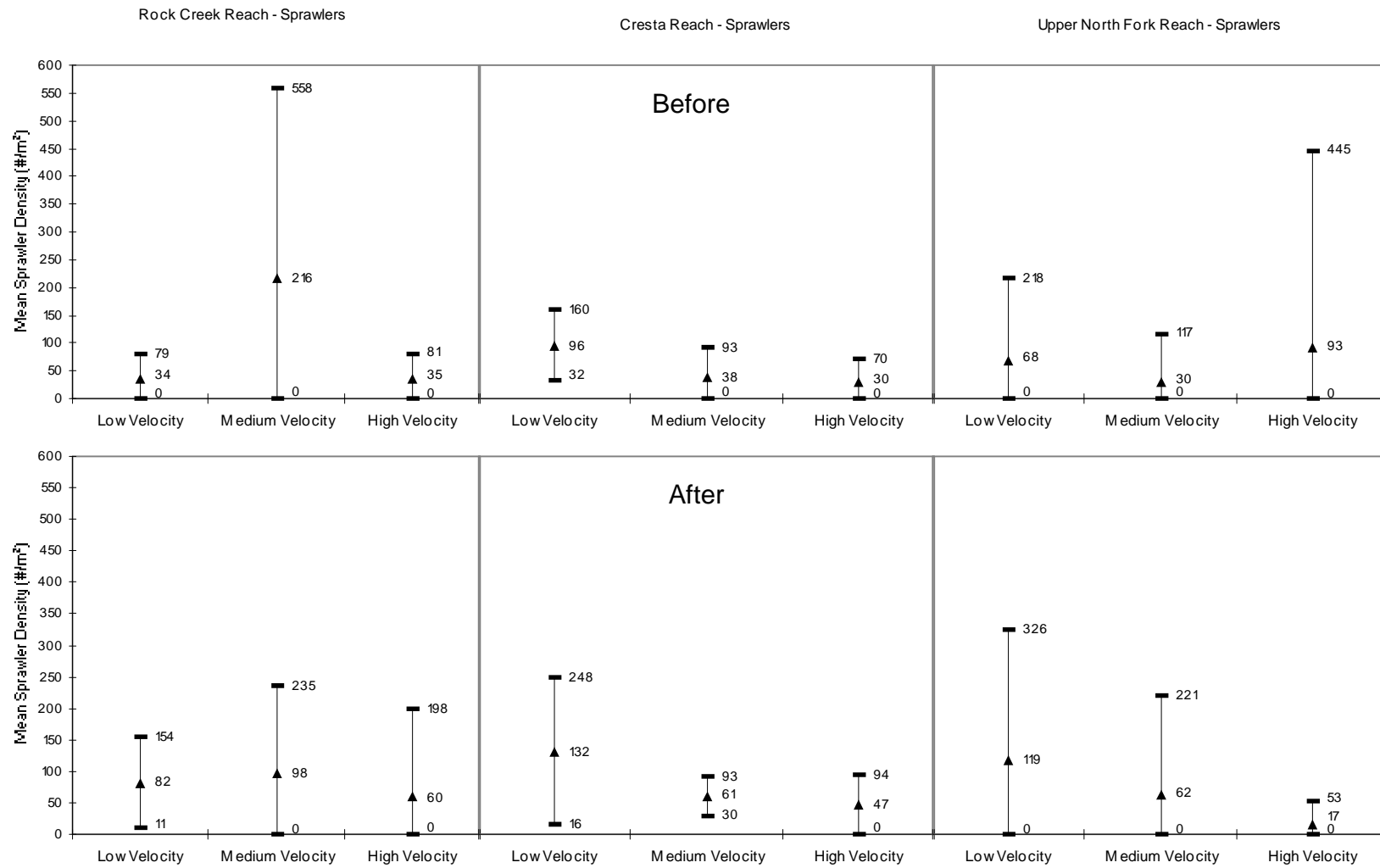
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-152. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Climbers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



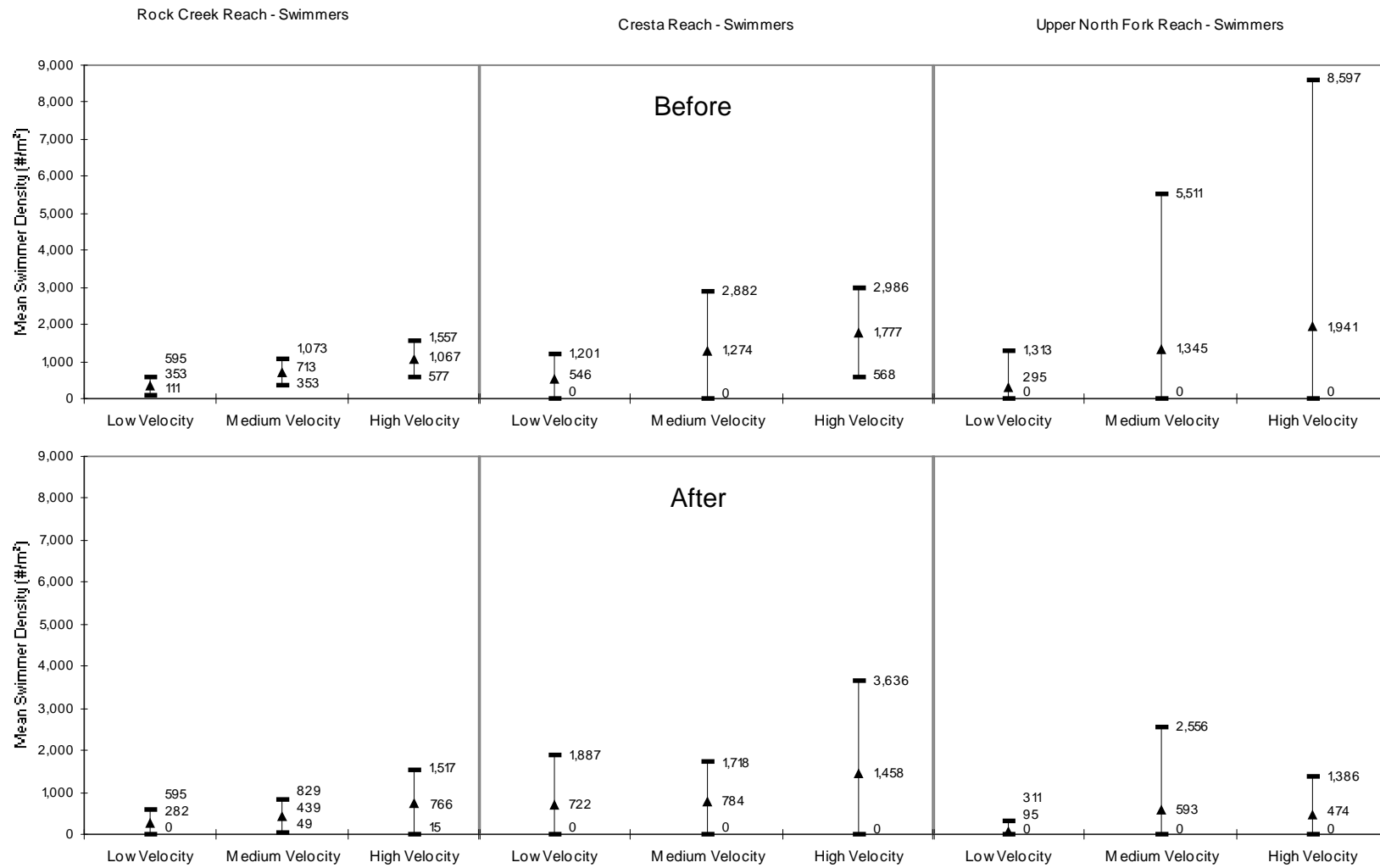
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-153. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Clingers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



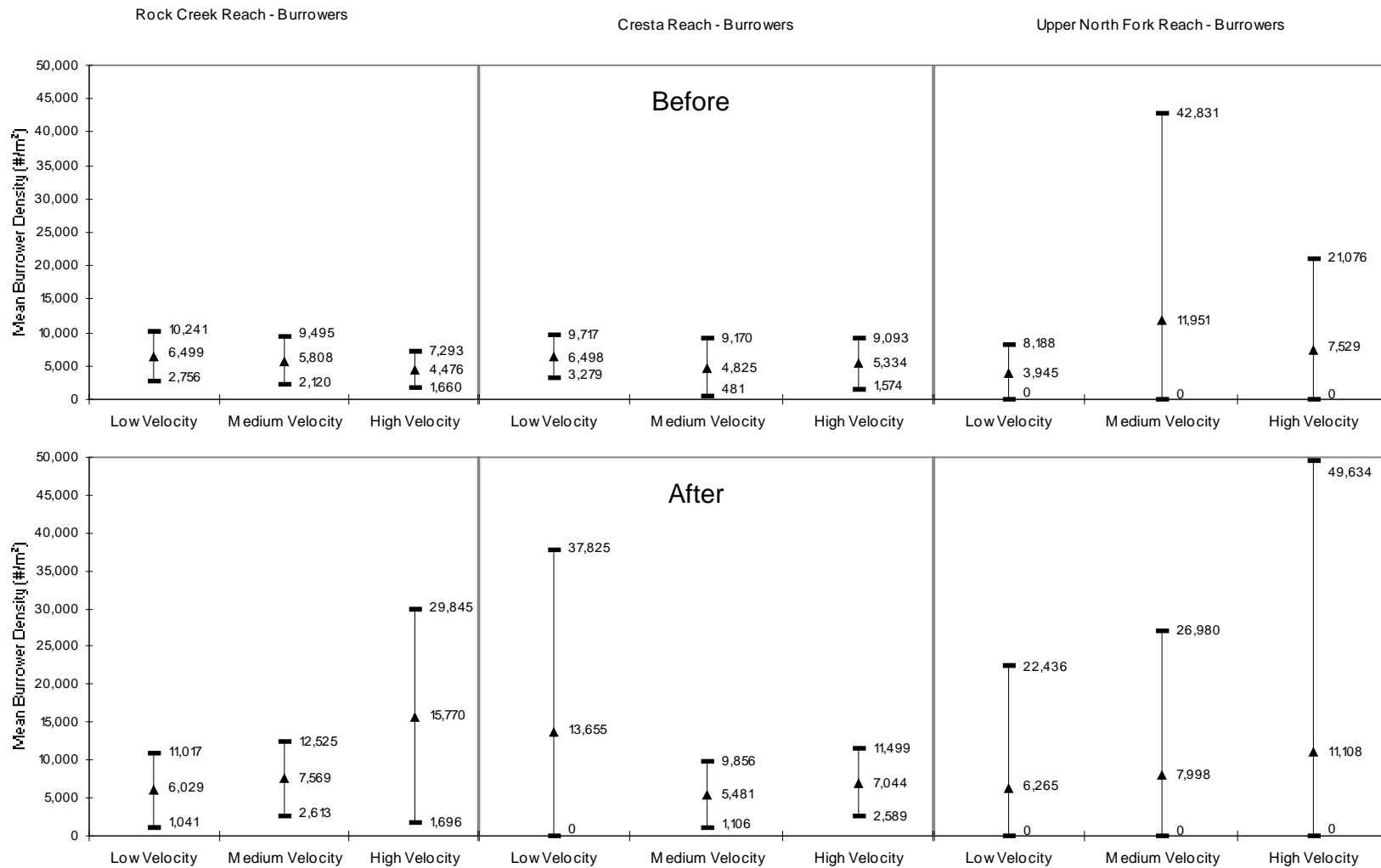
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-154. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Sprawlers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



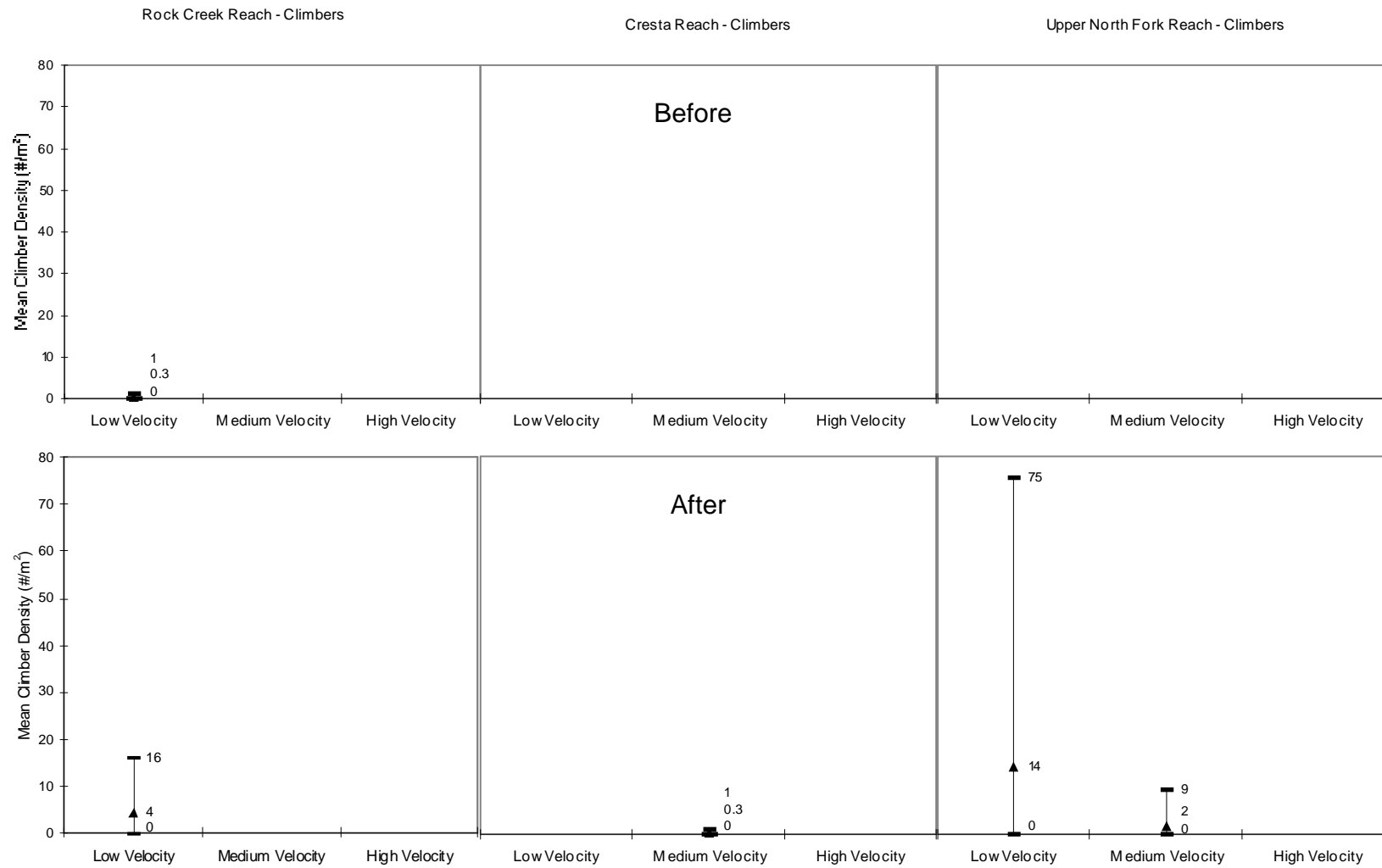
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-155. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Swimmers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



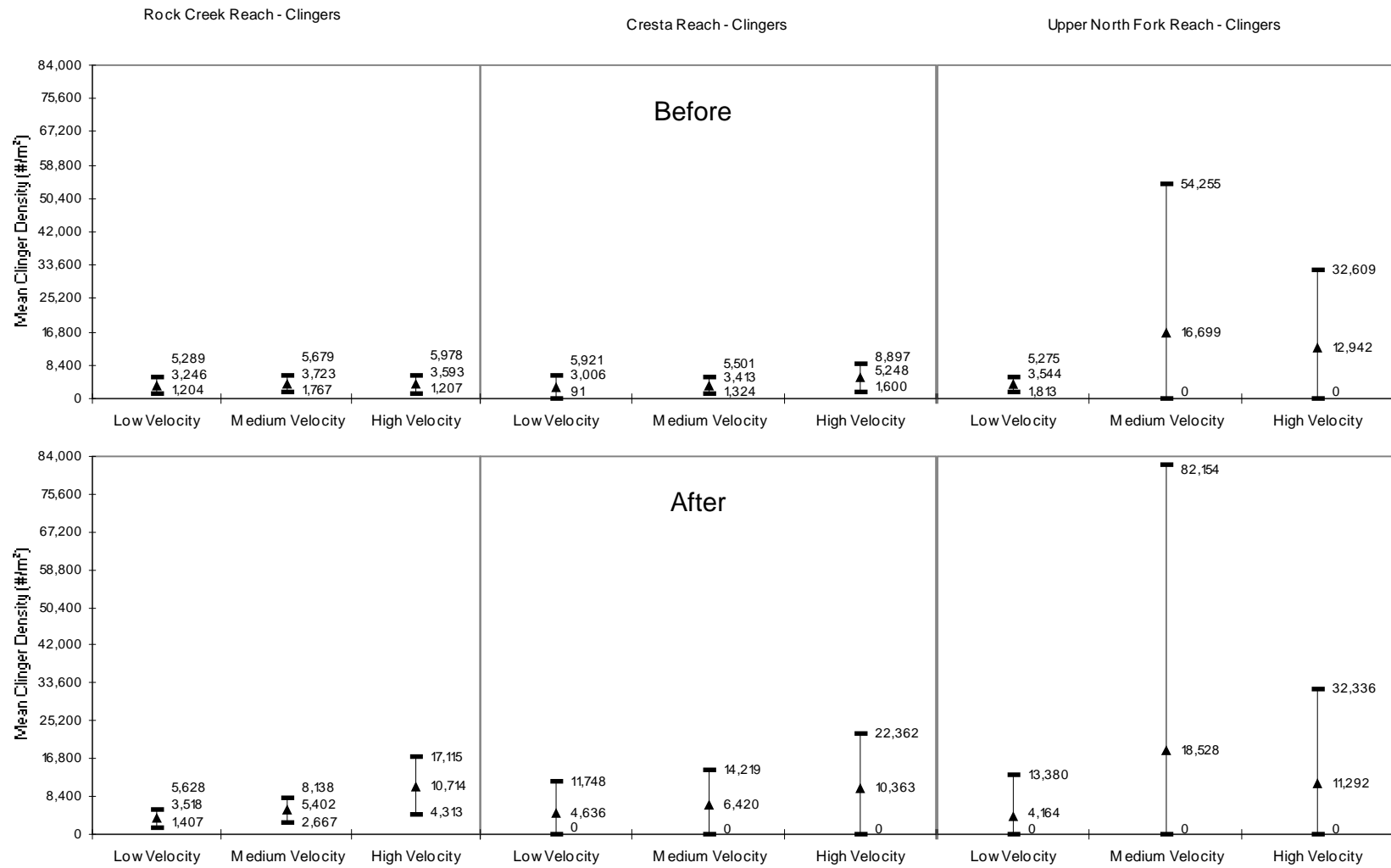
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-156. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Burrowers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



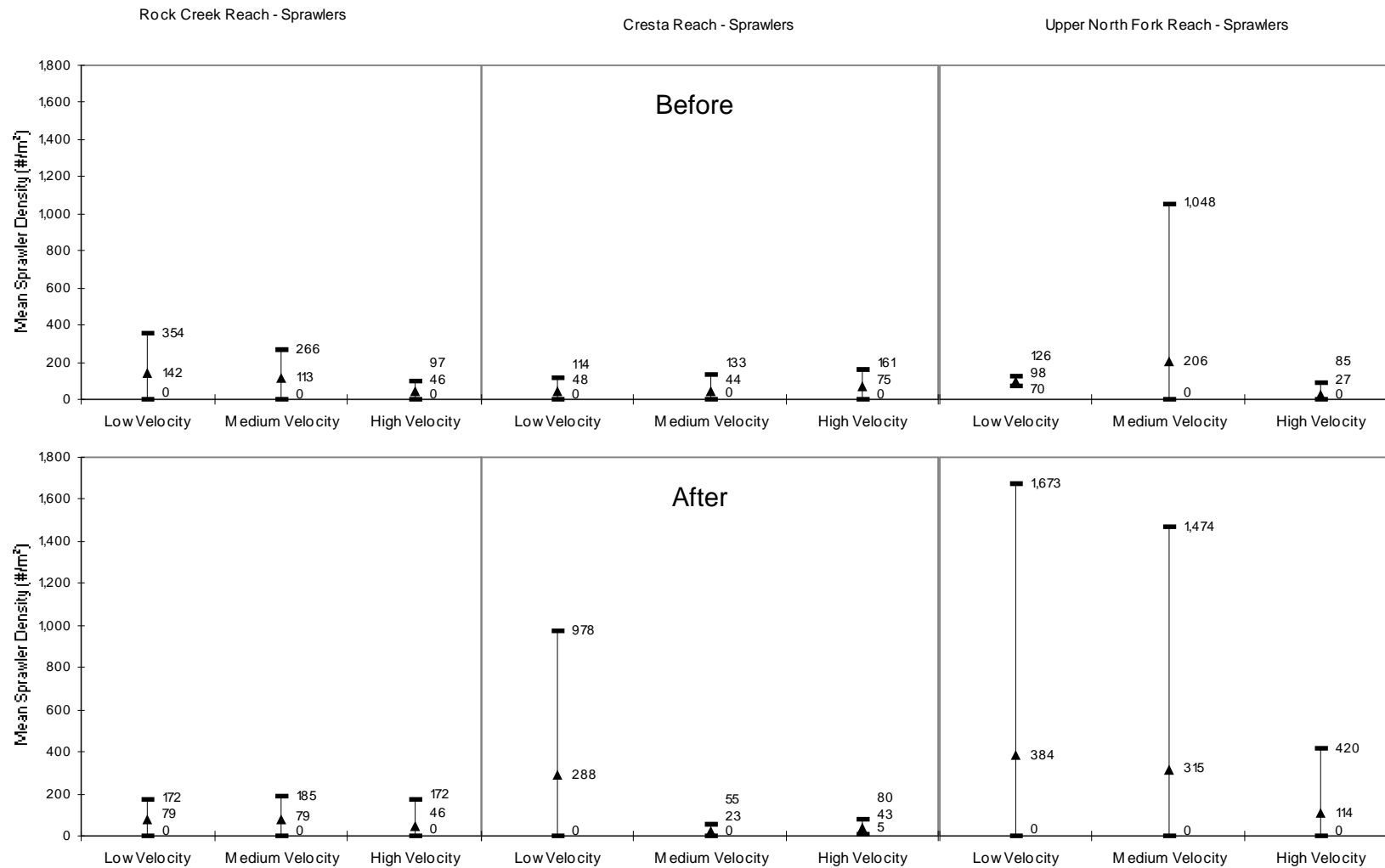
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-157. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Climbers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



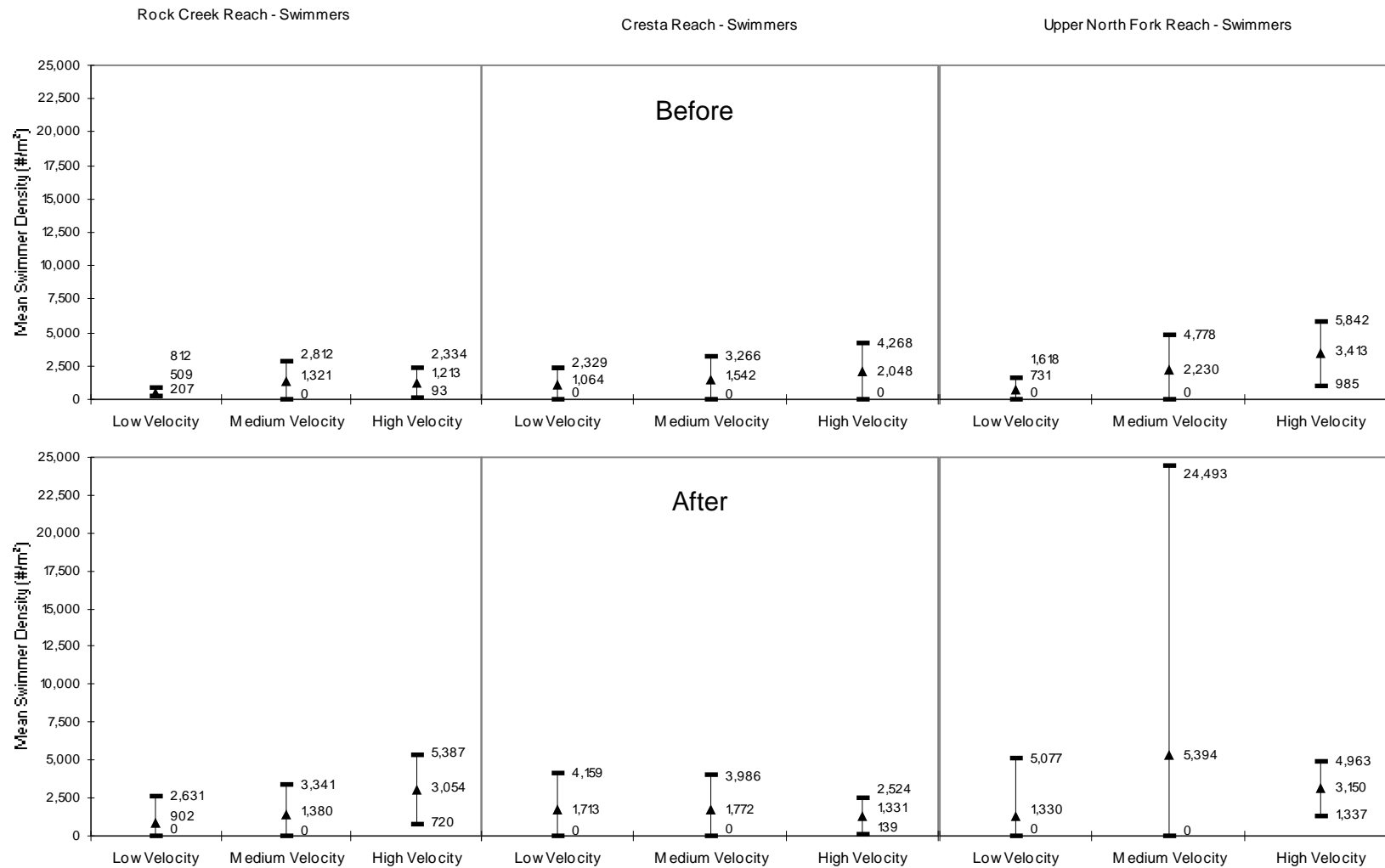
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-158. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Clingers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



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

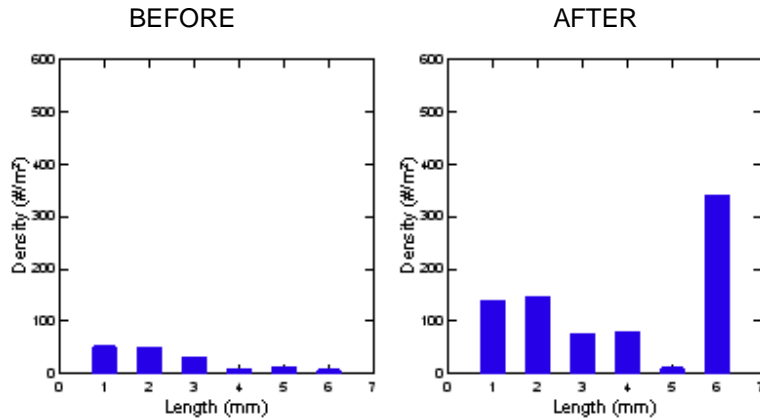
Figure 5.2-159. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Sprawlers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



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

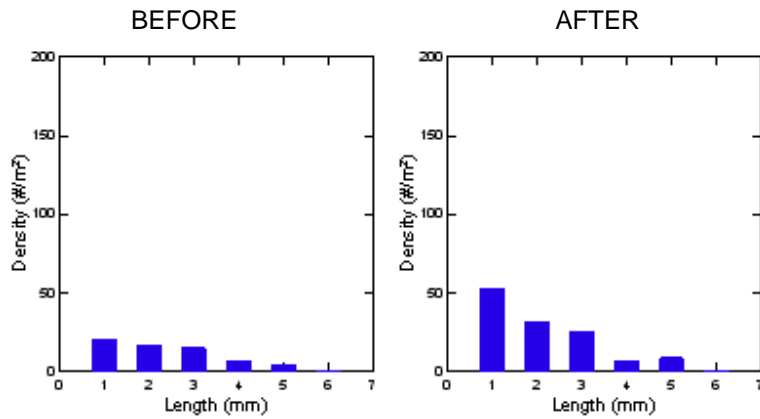
Figure 5.2-160. Mean Density with 95 Percent Confidence Intervals by Velocity Zone for the Habit Groups-Type Swimmers, on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.

2008 Rock Creek Length Distributions



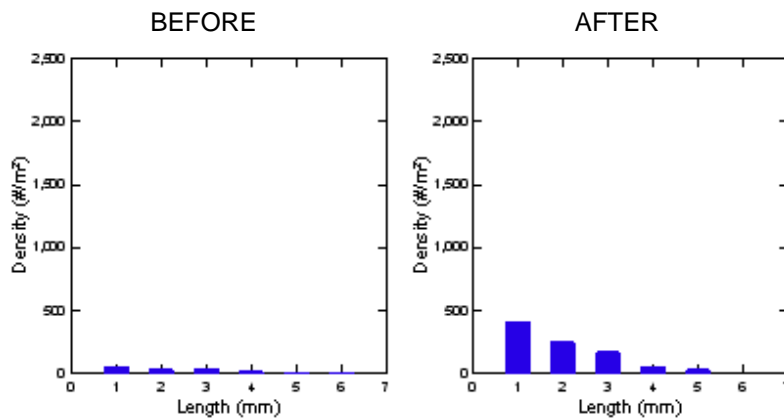
P=0.001

2008 Cresta Length Distributions



P=0.16

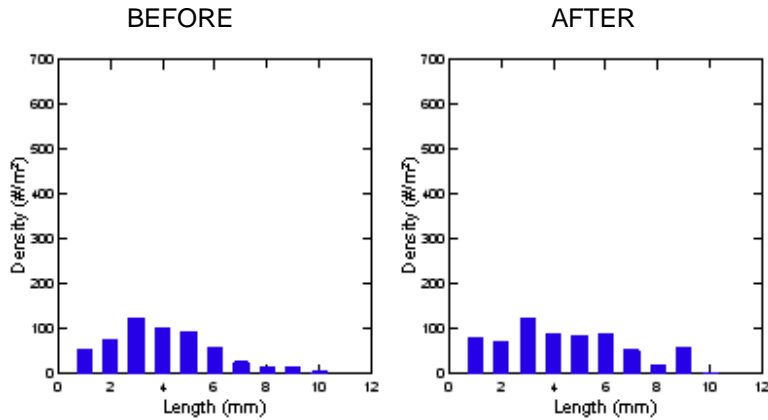
2008 UNF Length Distributions



P=0.02

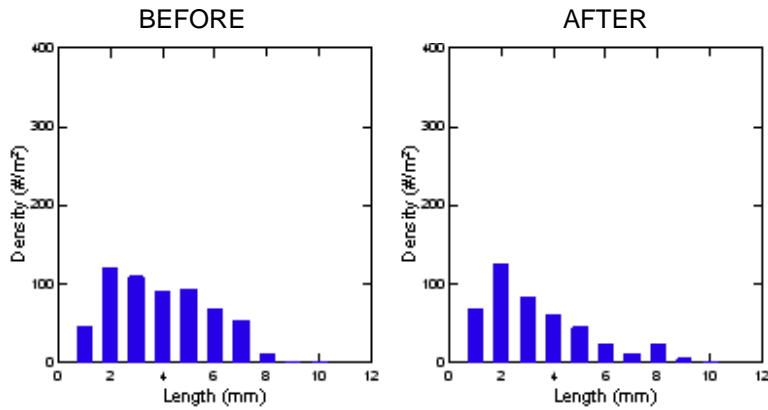
Figure 5.2-161. Comparison of Length Distribution for *Acentrella* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



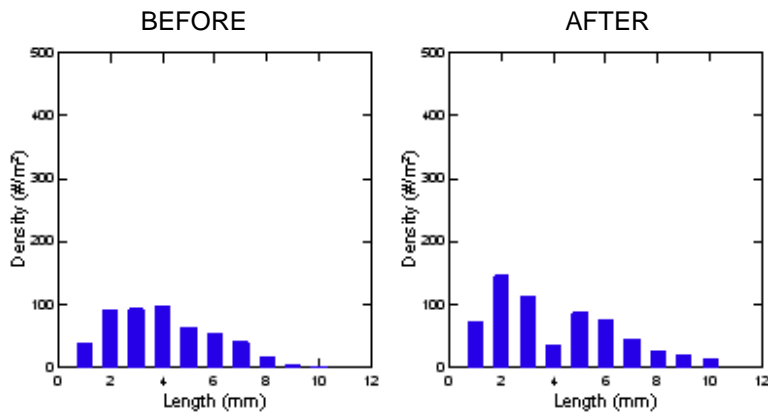
P=0.22

2008 Cresta Length Distributions



P=0.83

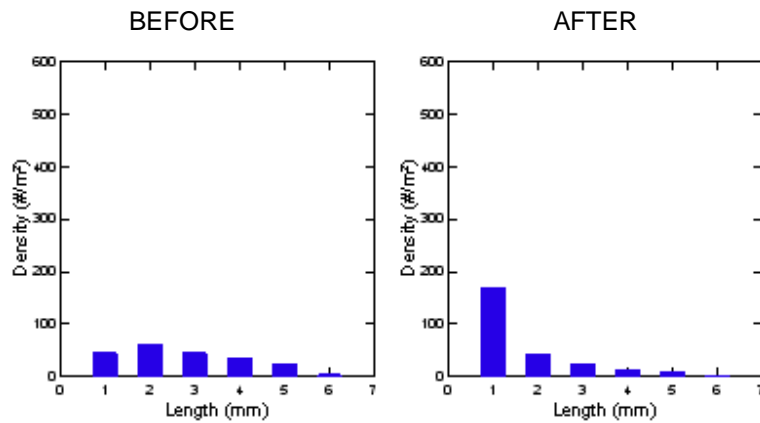
2008 UNF Length Distributions



P=0.96

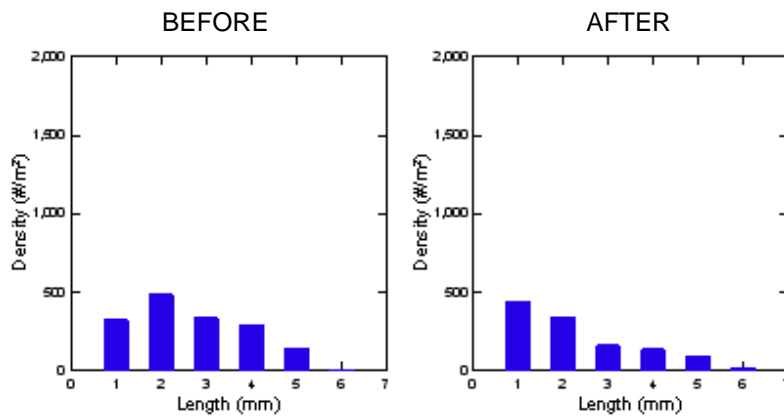
Figure 5.2-162. Comparison of Length Distribution for *Antocha* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



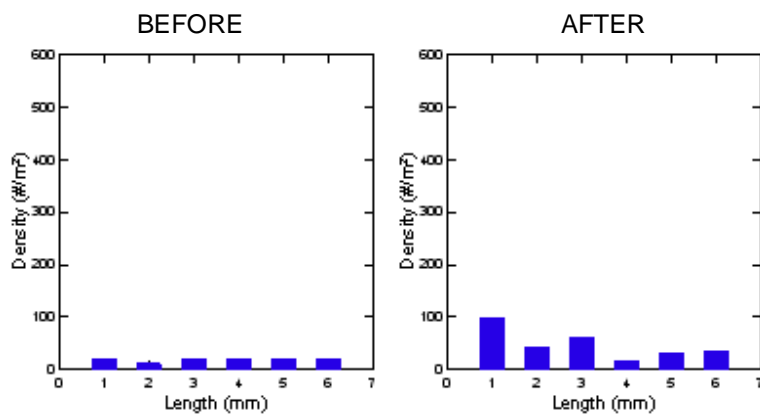
P=0.88

2008 Cresta Length Distributions



P=0.09

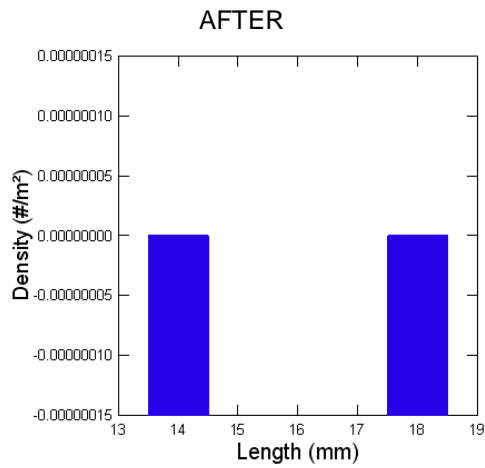
2008 UNF Length Distributions



P=0.22

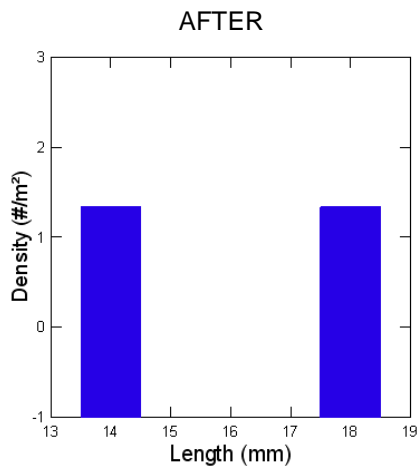
Figure 5.2-163. Comparison of Length Distribution for *Baetis tricaudatus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



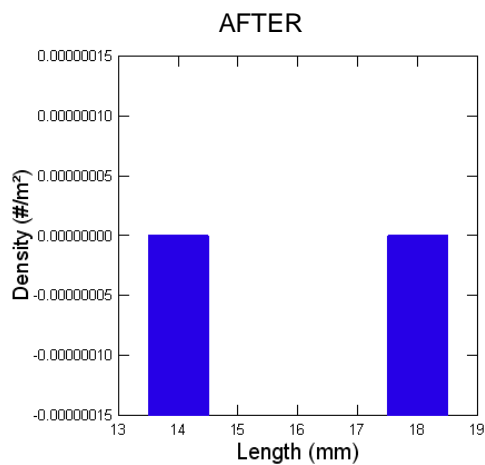
P=NA

2008 Cresta Length Distributions



P=NA

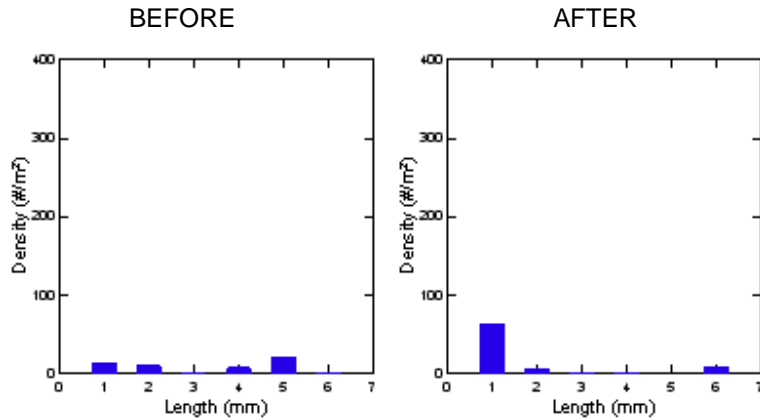
2008 UNF Length Distributions



P=NA

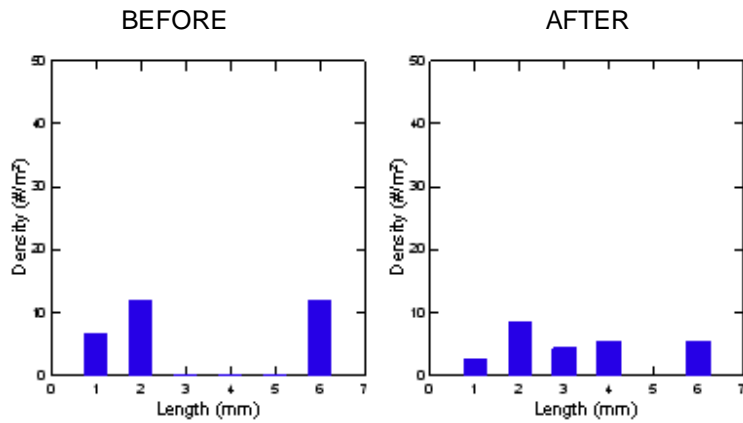
Figure 5.2-164. Comparison of Length Distribution for *Calineuria californica* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



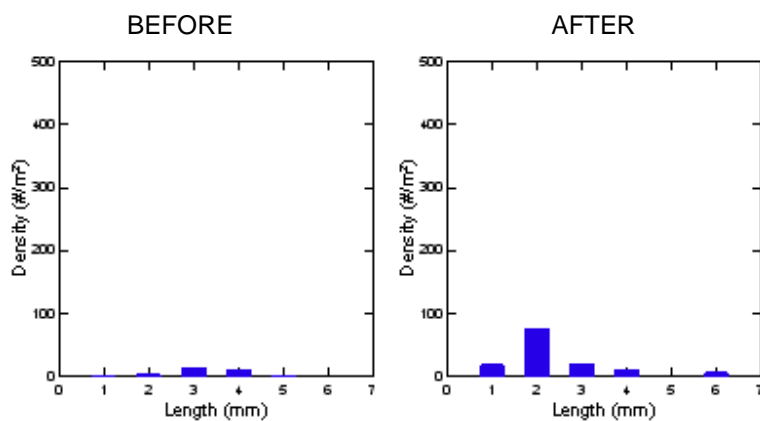
P=0.39

2008 Cresta Length Distributions



P=1.00

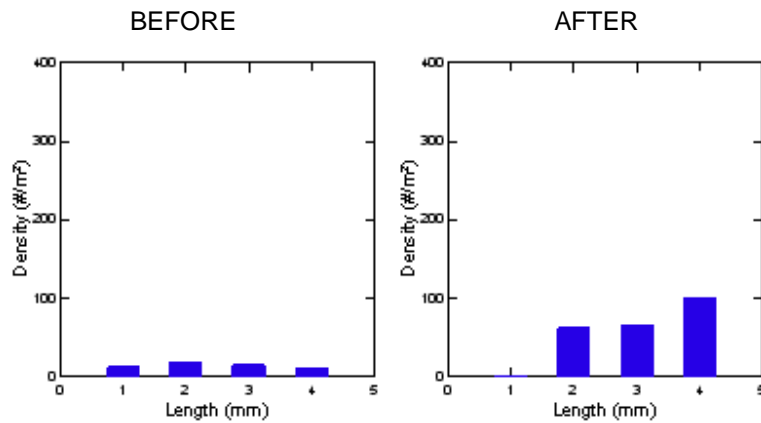
2008 UNF Length Distributions



P=0.42

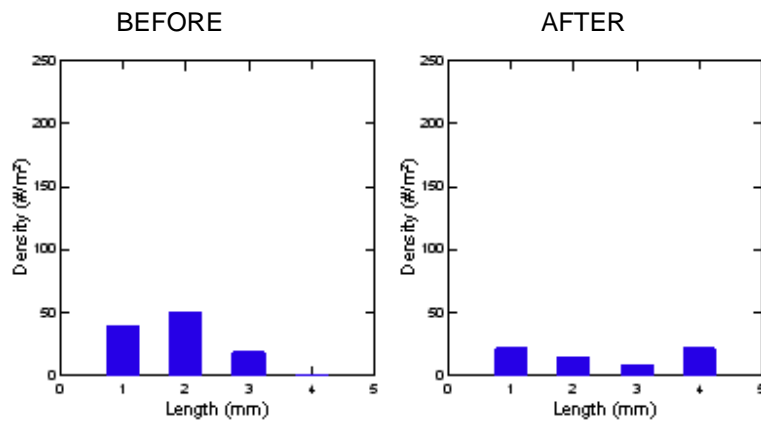
Figure 5.2-165. Comparison of Length Distribution for *Camelobaetidius* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



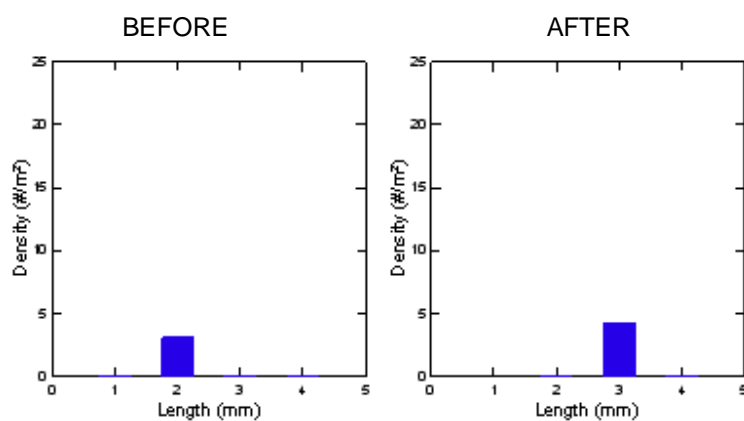
P=0.32

2008 Cresta Length Distributions



P=0.20

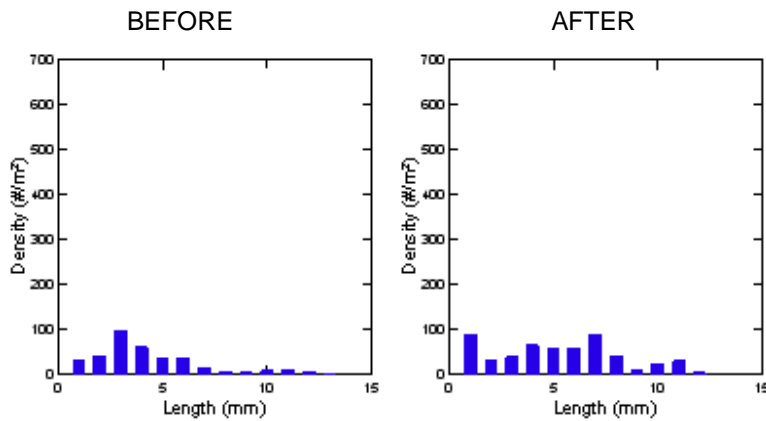
2008 UNF Length Distributions



P=1.00

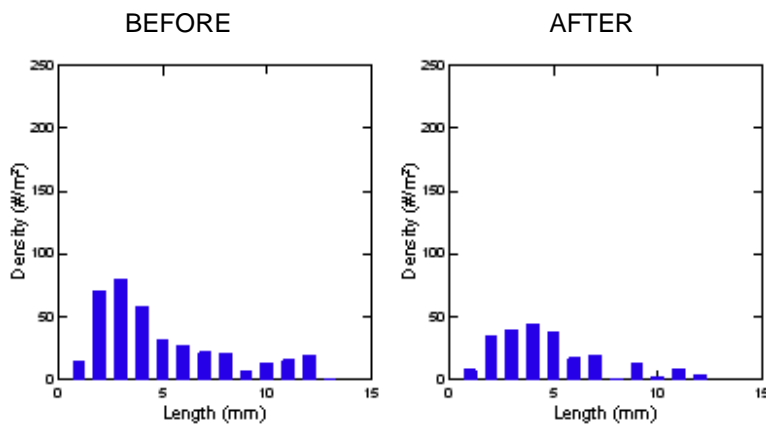
Figure 5.2-166. Comparison of Length Distribution for *Ceraclea* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



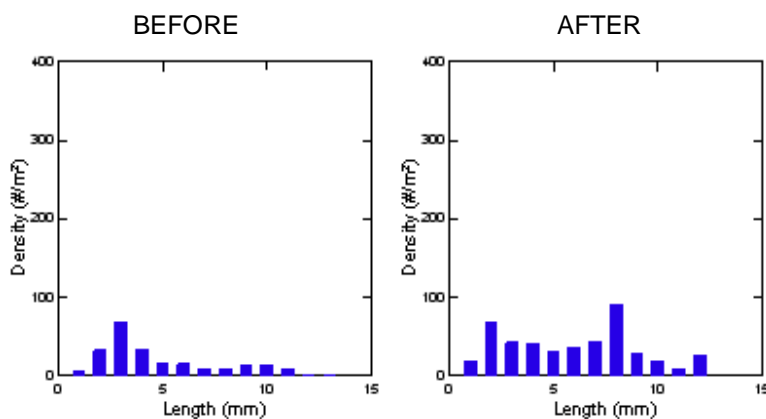
P=0.12

2008 Cresta Length Distributions



P=0.01

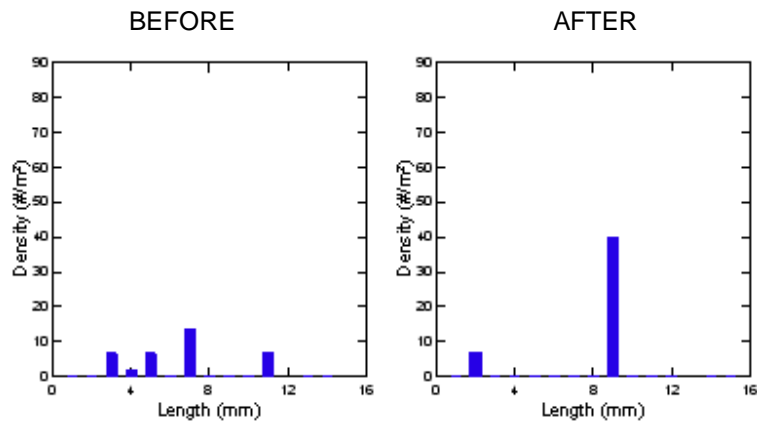
2008 UNF Length Distributions



P=0.21

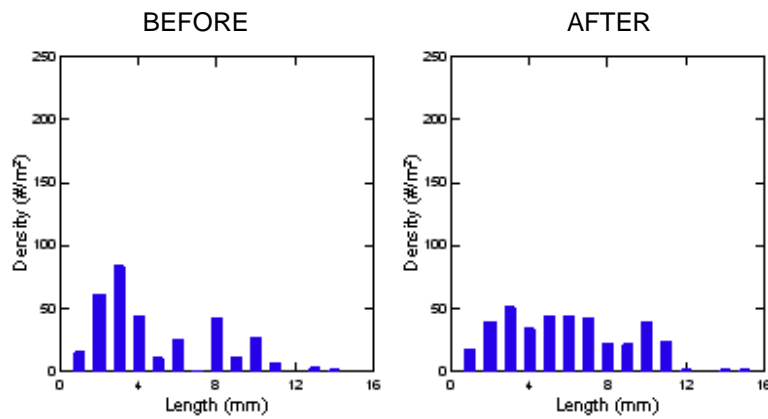
Figure 5.2-167. Comparison of Length Distribution for *Cheumatopsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



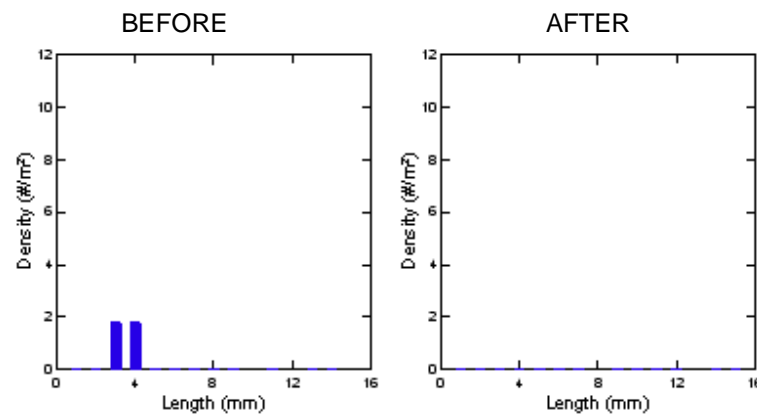
P=0.87

2008 Cresta Length Distributions



P=0.33

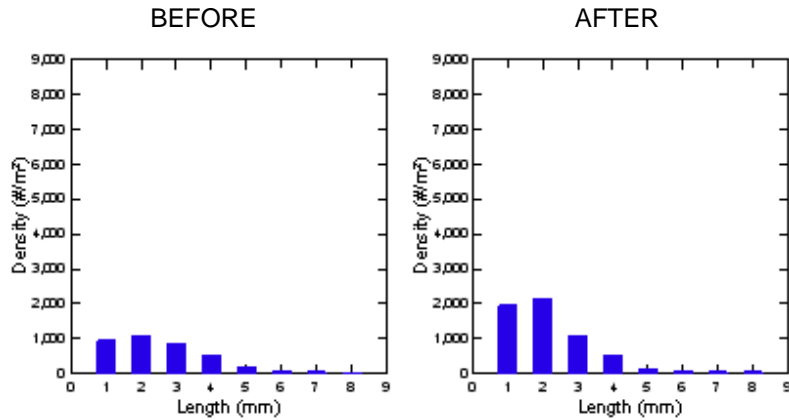
2008 UNF Length Distributions



P=0.001

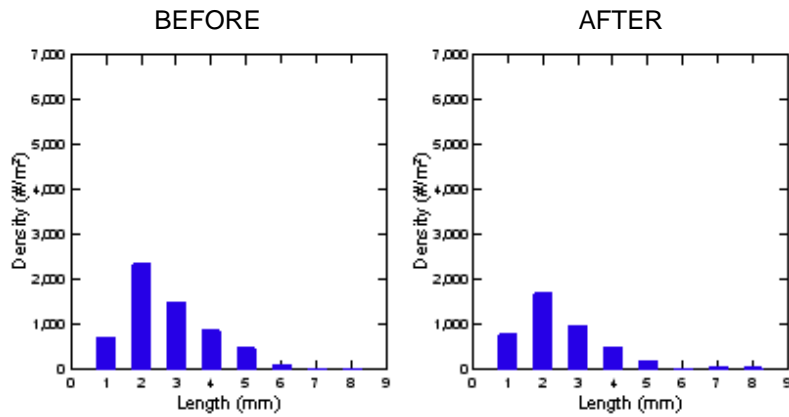
Figure 5.2-168. Comparison of Length Distribution for *Chimarra* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



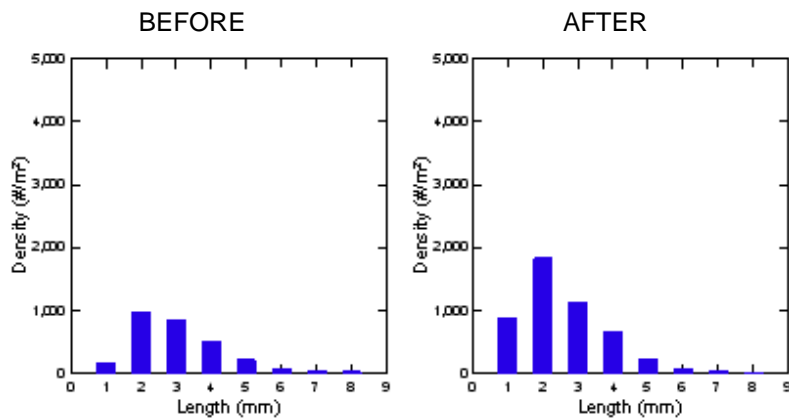
P=0.07

2008 Cresta Length Distributions



P=0.67

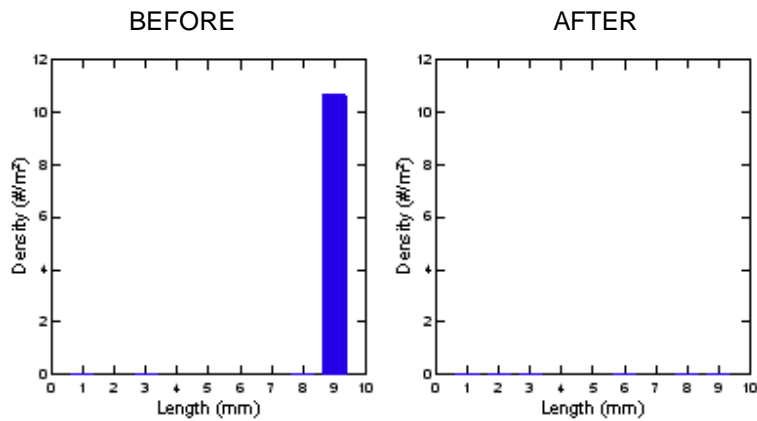
2008 UNF Length Distributions



P=0.28

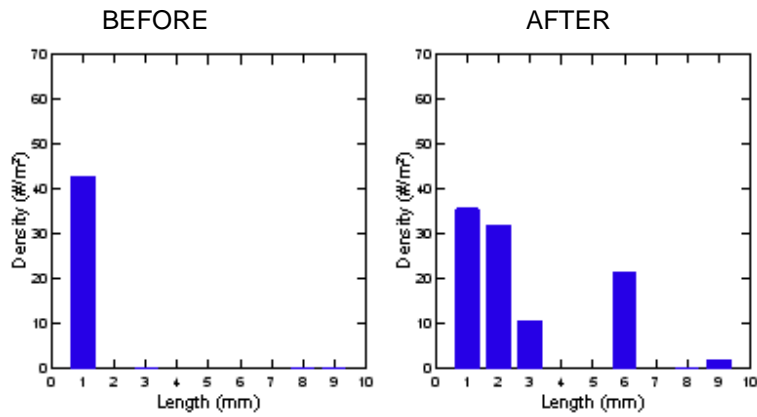
Figure 5.2-169. Comparison of Length Distribution for Chironomidae on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



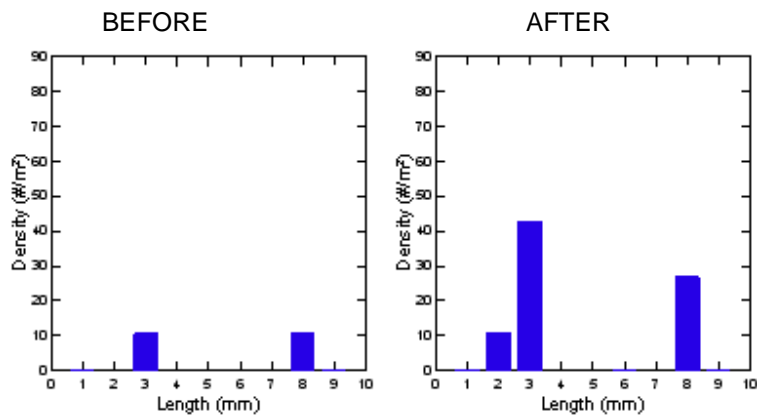
P=0.14

2008 Cresta Length Distributions



P=0.99

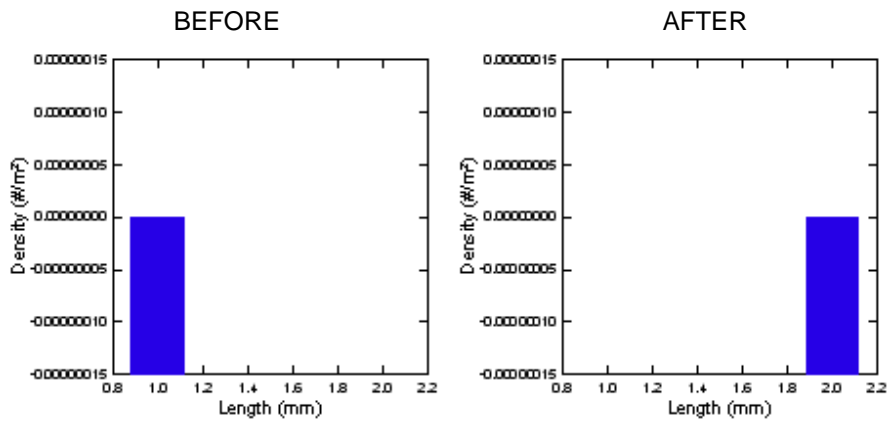
2008 UNF Length Distributions



P=0.99

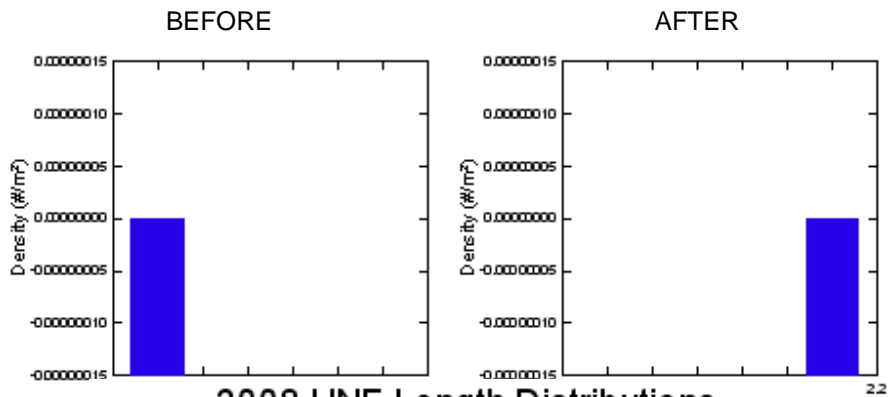
Figure 5.2-170. Comparison of Length Distribution for *Epeorus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



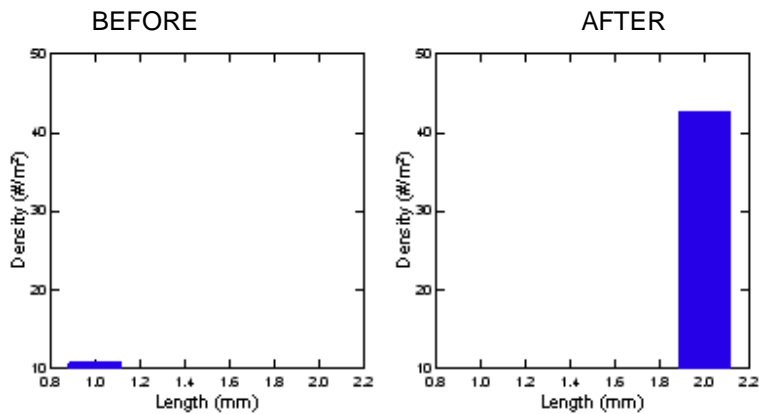
P=0.001

2008 Cresta Length Distributions



P=0.001

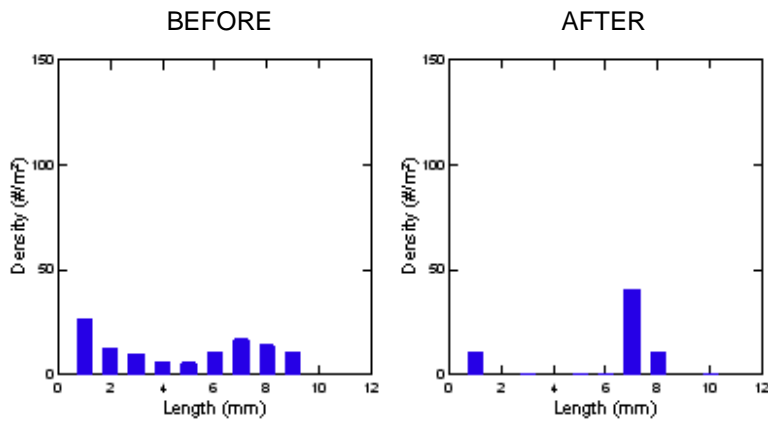
2008 UNF Length Distributions



P=0.001

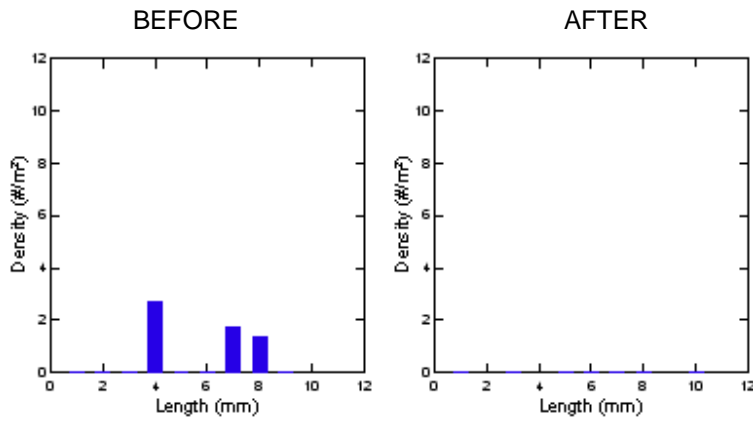
Figure 5.2-171. Comparison of Length Distribution for *Ephemerella excrucians* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



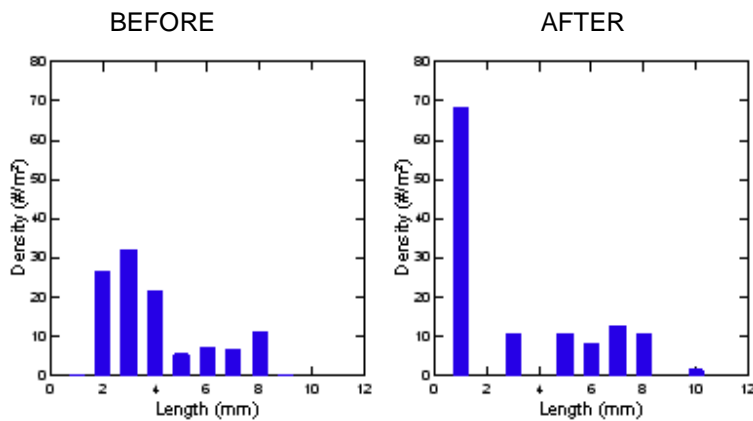
P=0.87

2008 Cresta Length Distributions



P=1.00

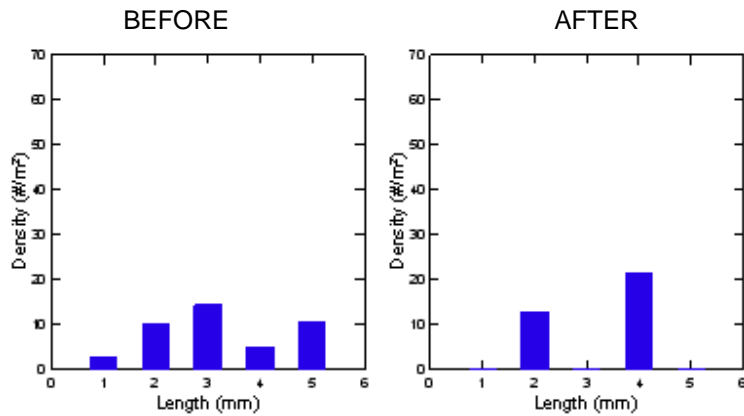
2008 UNF Length Distributions



P=0.30

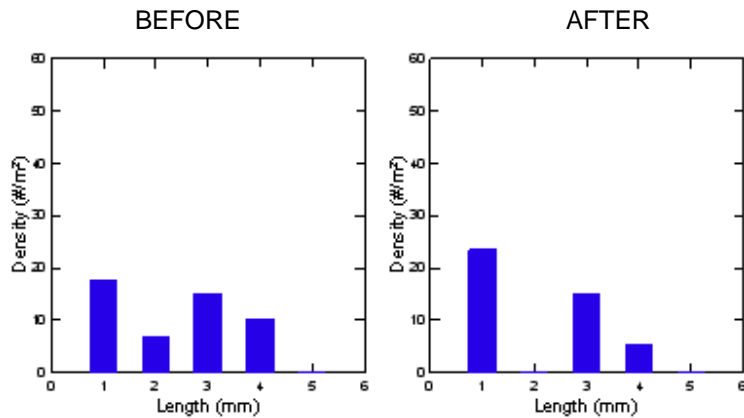
Figure 5.2-172. Comparison of Length Distribution for *Glossosoma* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



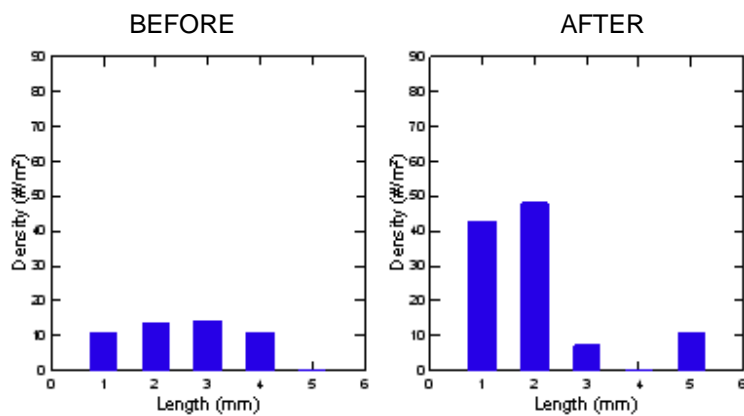
P=0.26

2008 Cresta Length Distributions



P=1.00

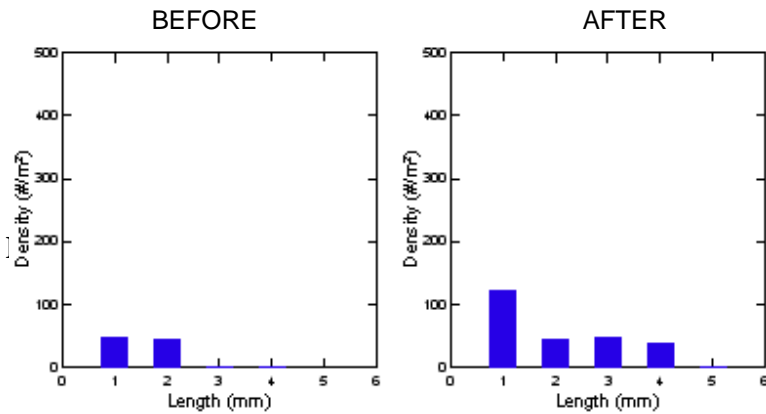
2008 UNF Length Distributions



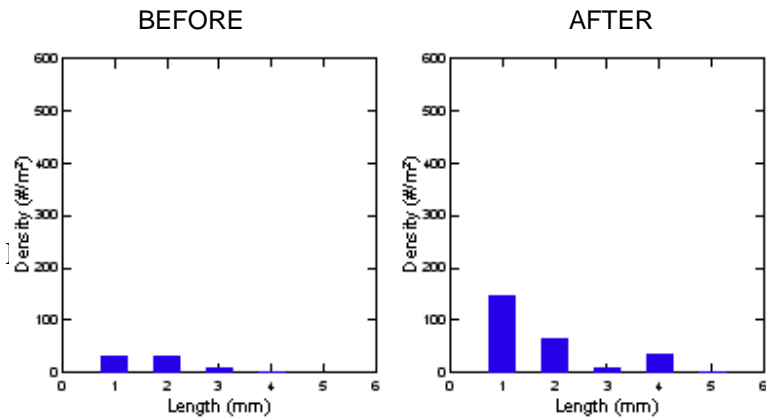
P=0.58

Figure 5.2-173. 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, Early August, 2008.

2008 Rock Creek Length Distributions



2008 Cresta Length Distributions



2008 UNF Length Distributions

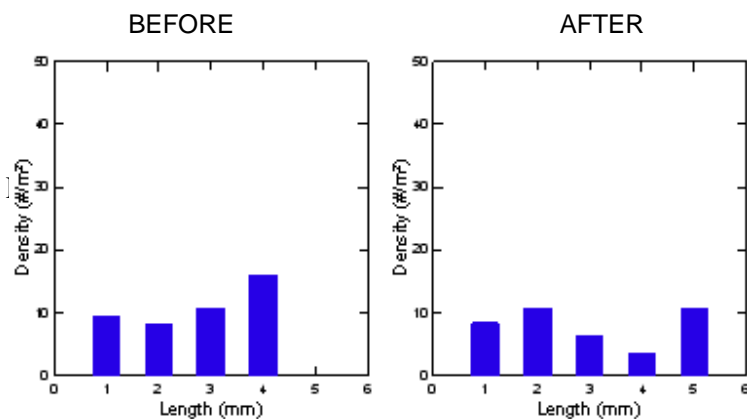
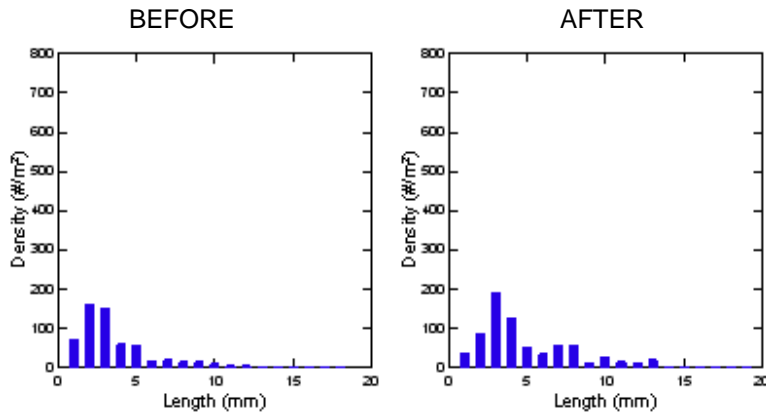


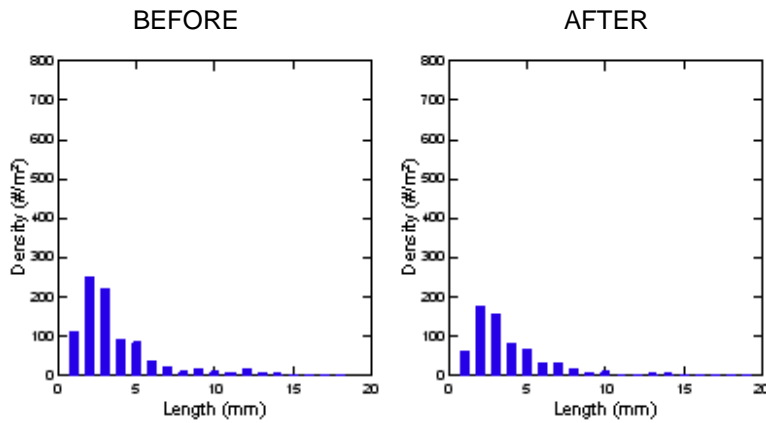
Figure 5.2-174. Comparison of Length Distribution for *Homoleptohyphes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



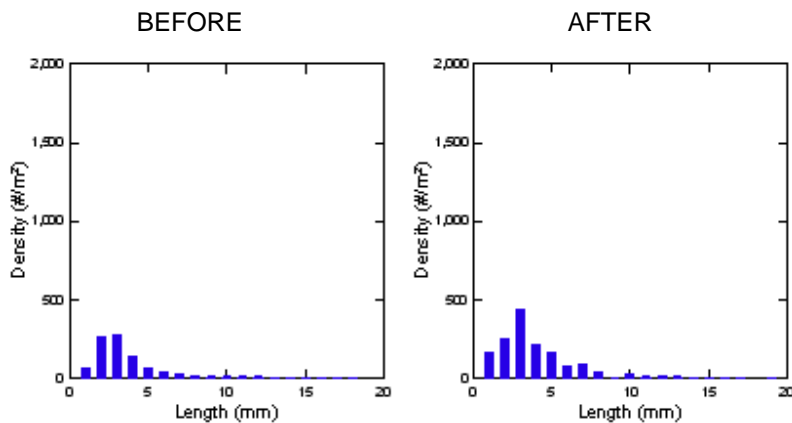
P=0.25

2008 Cresta Length Distributions



P=0.56

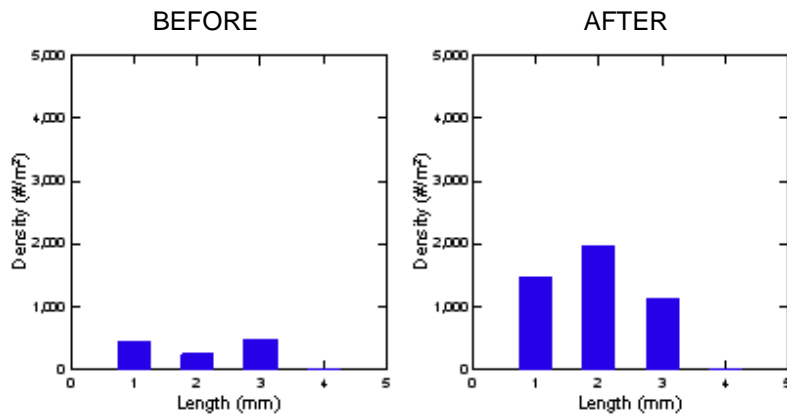
2008 UNF Length Distributions



P=0.89

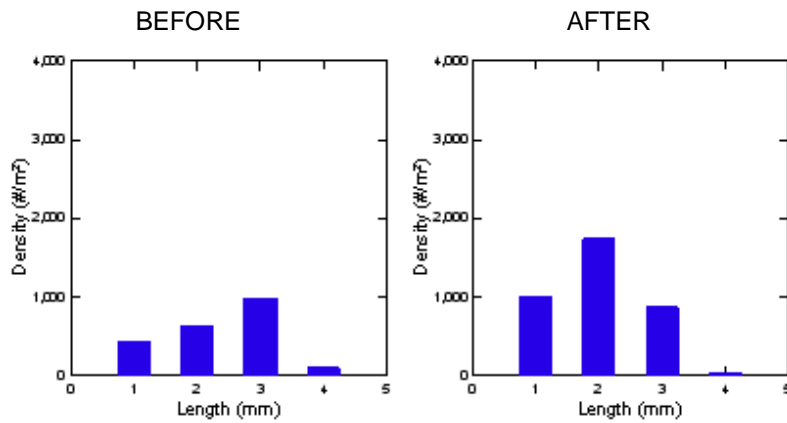
Figure 5.2-175. Comparison of Length Distribution for *Hydropsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



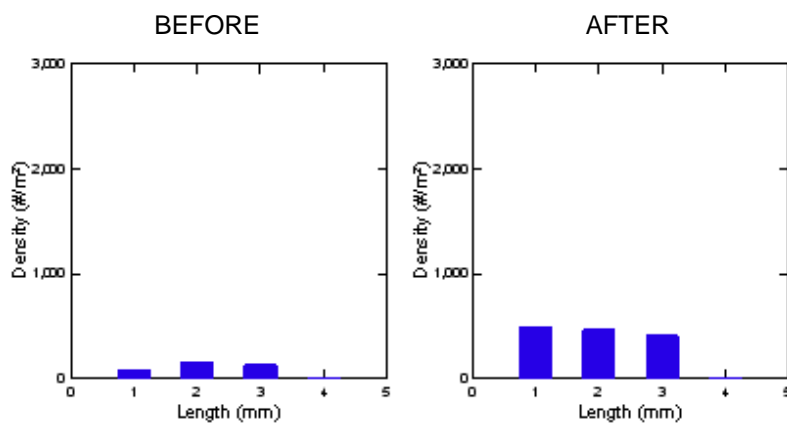
P=0.001

2008 Cresta Length Distributions



P=0.001

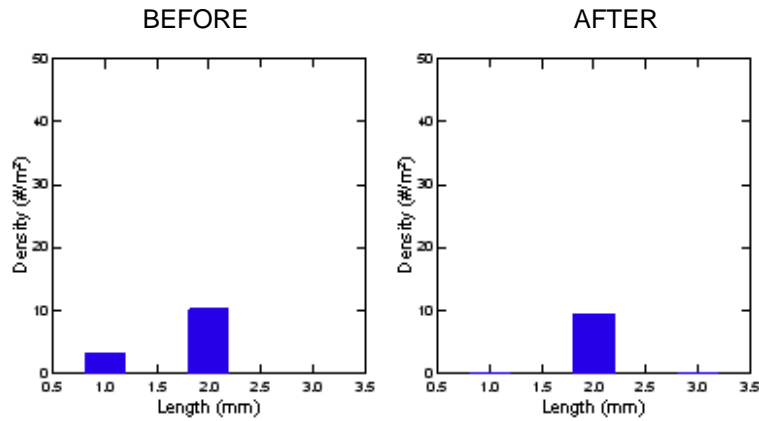
2008 UNF Length Distributions



P=0.001

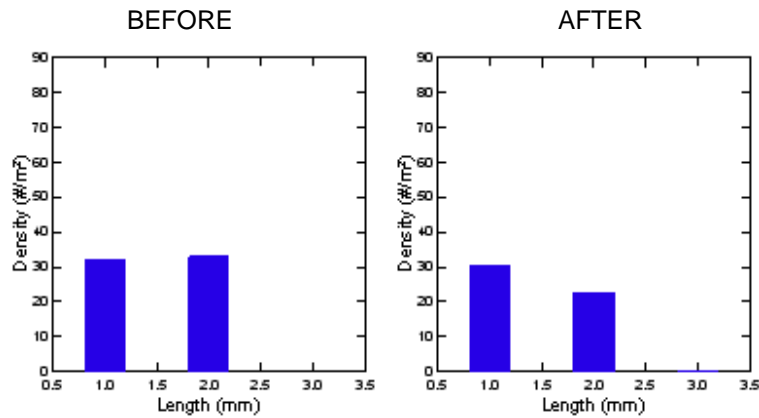
Figure 5.2-176. Comparison of Length Distribution for *Hydroptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



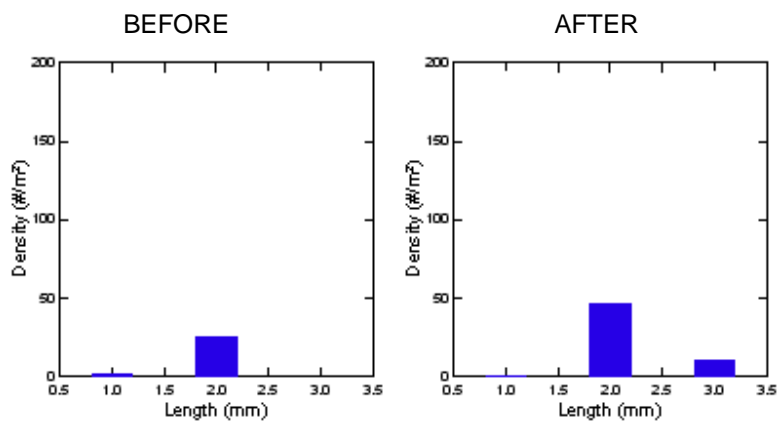
P=1.00

2008 Cresta Length Distributions



P=0.94

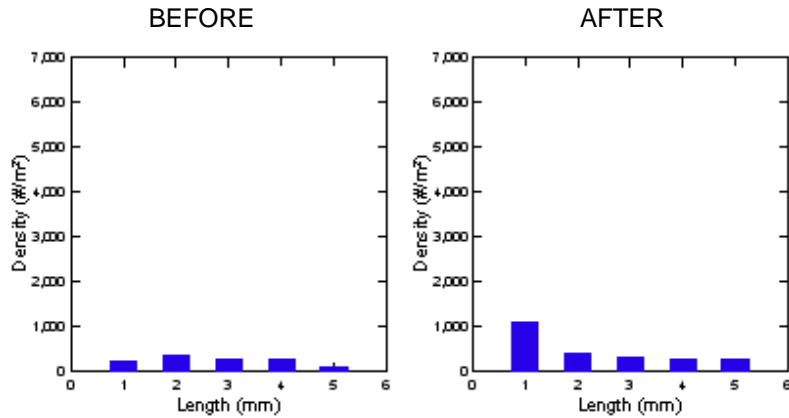
2008 UNF Length Distributions



P=0.84

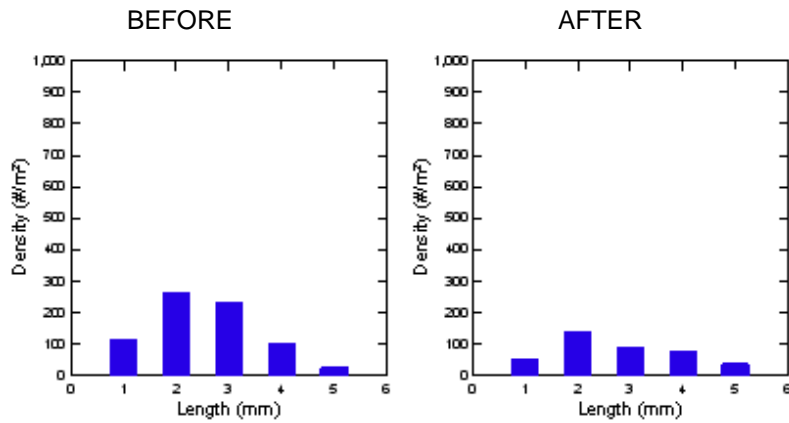
Figure 5.2-177. Comparison of Length Distribution for *Isoperla* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



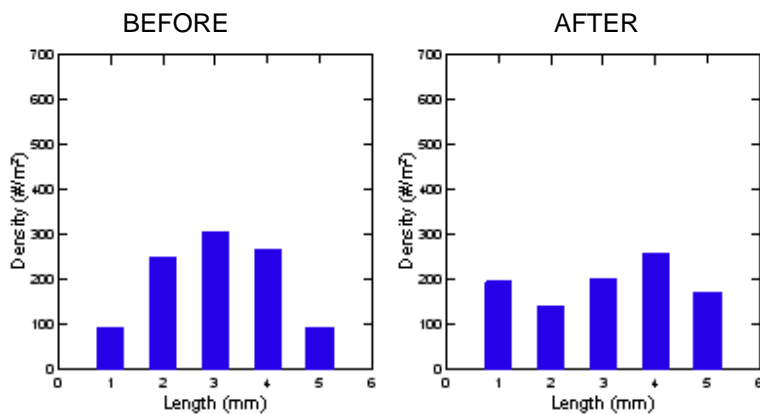
P=0.40

2008 Cresta Length Distributions



P=0.15

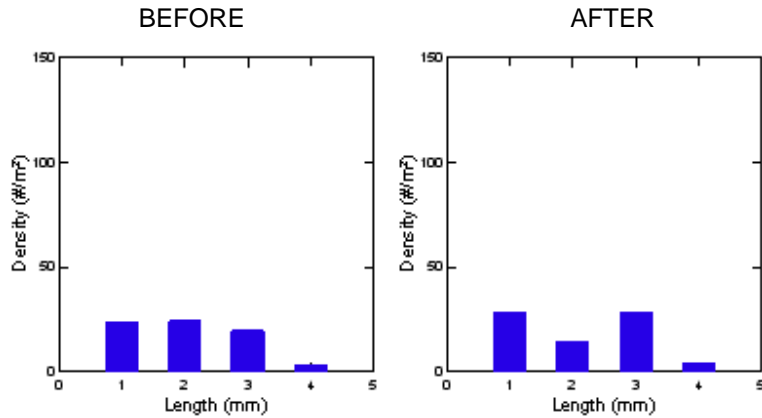
2008 UNF Length Distributions



P=0.92

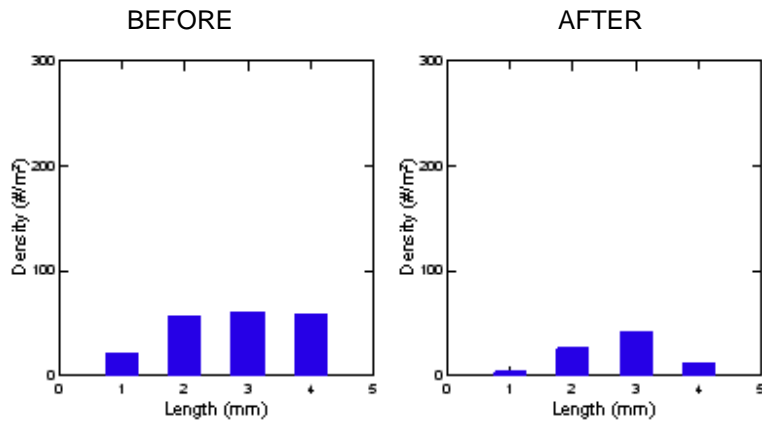
Figure 5.2-178. Comparison of Length Distribution for *Leucotrichia pictipes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



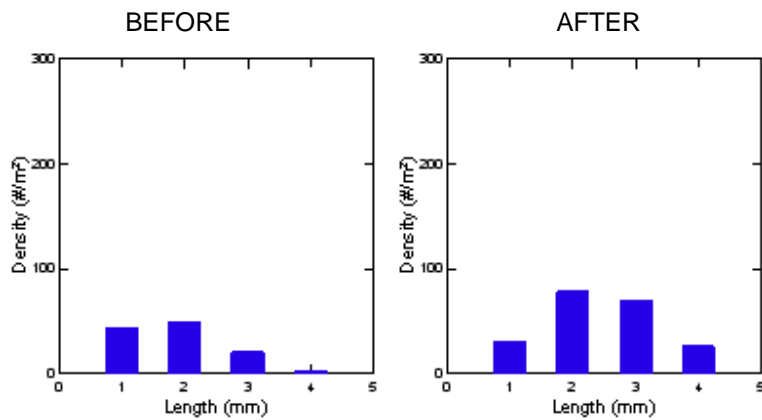
P=0.82

2008 Cresta Length Distributions



P=0.02

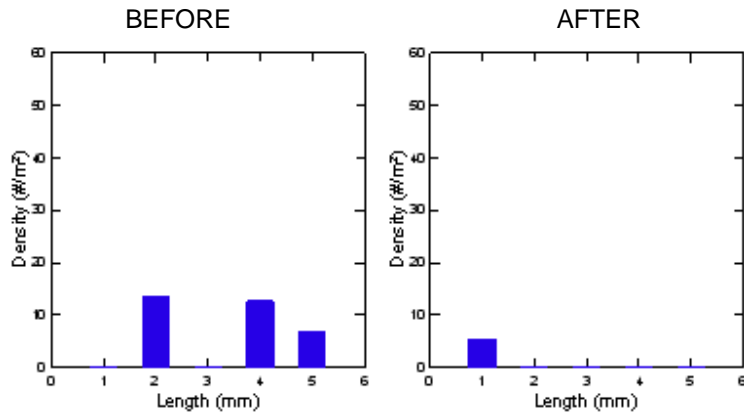
2008 UNF Length Distributions



P=0.21

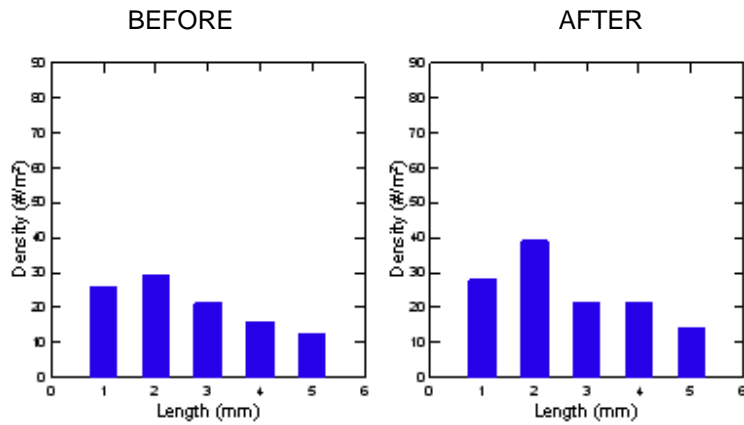
Figure 5.2-179. Comparison of Length Distribution for *Ochrotrichia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



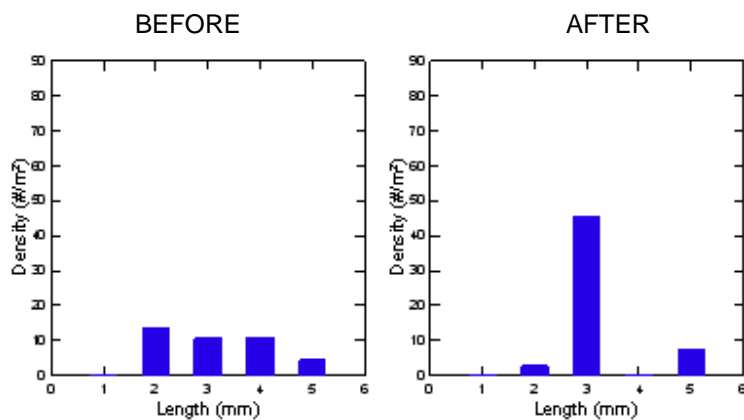
P=0.23

2008 Cresta Length Distributions



P=0.29

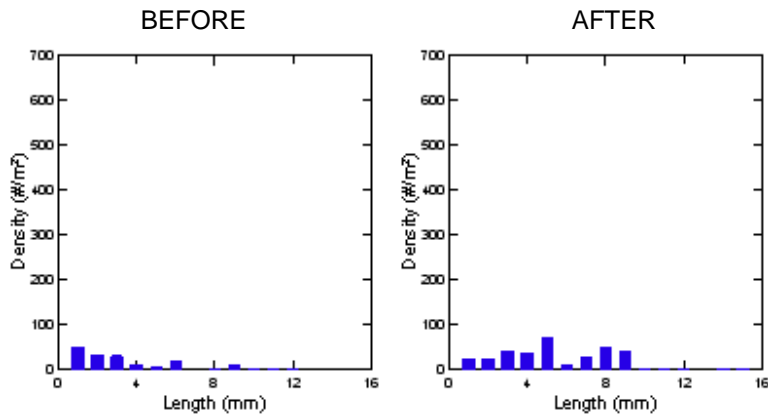
2008 UNF Length Distributions



P=0.83

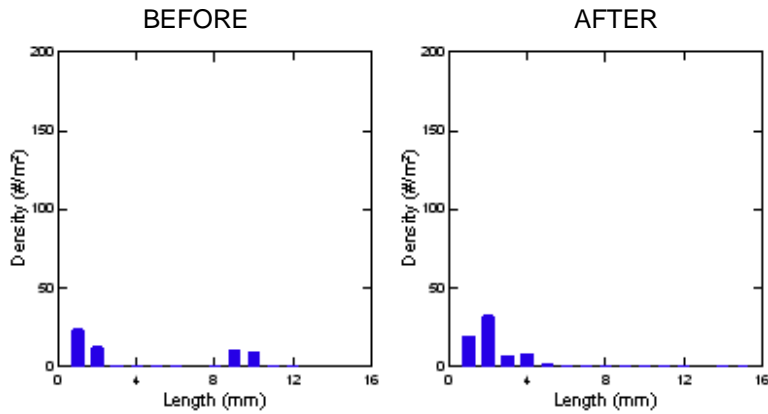
Figure 5.2-180. Comparison of Length Distribution for *Optioservus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



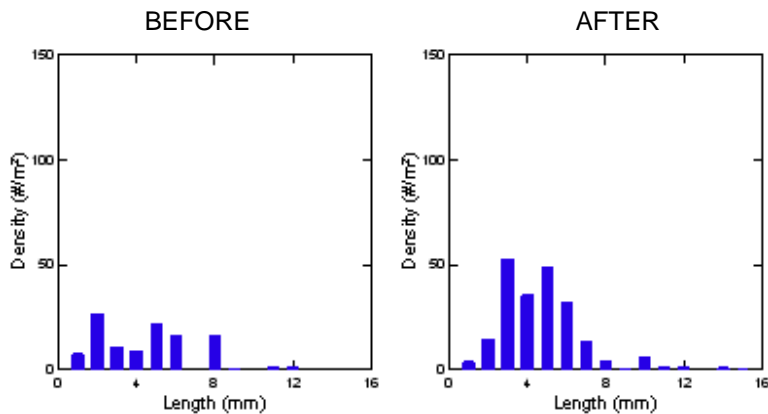
P=0.04

2008 Cresta Length Distributions



P=1.00

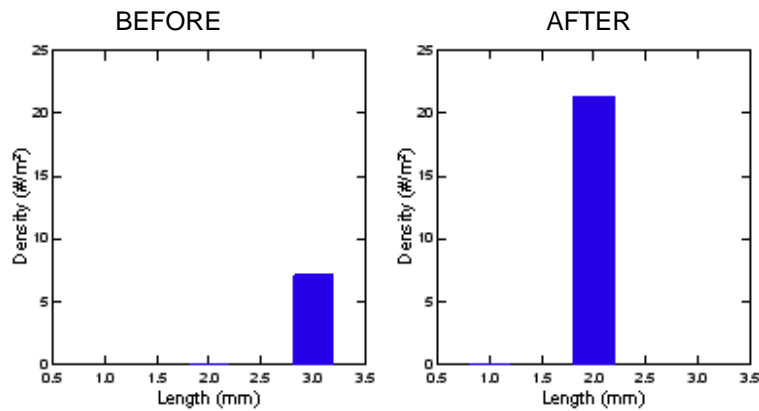
2008 UNF Length Distributions



P=0.28

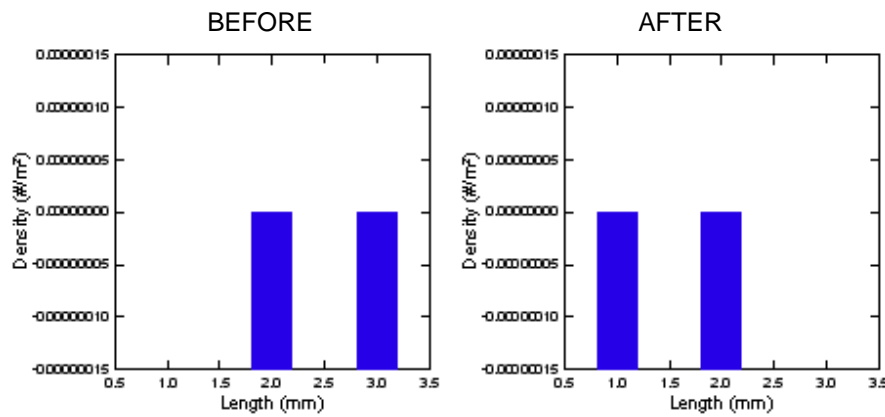
Figure 5.2-181. Comparison of Length Distribution for *Petrophila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



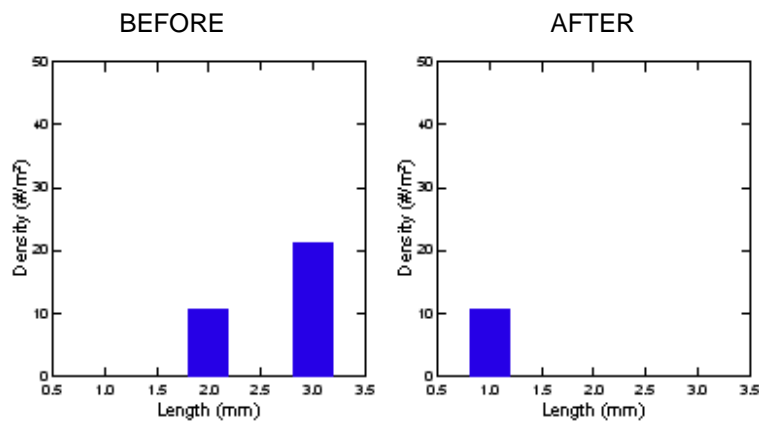
P=1.00

2008 Cresta Length Distributions



P=NA

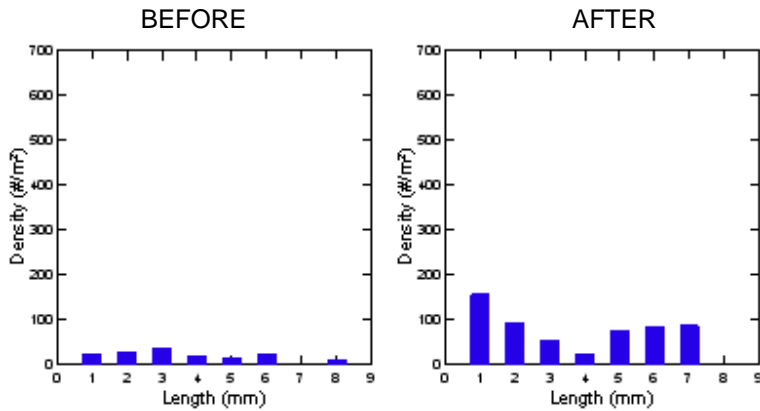
2008 UNF Length Distributions



P=0.001

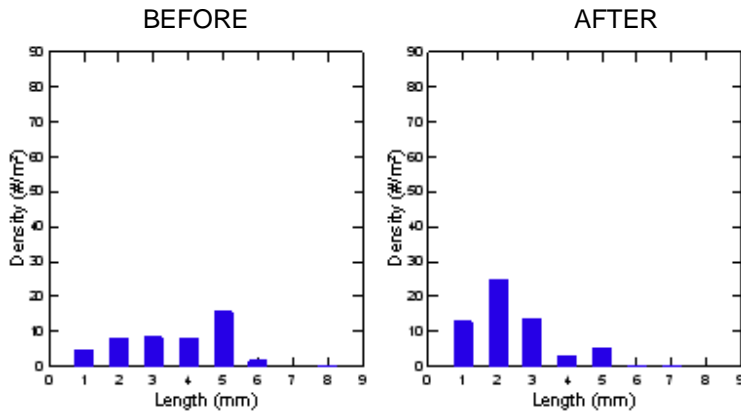
Figure 5.2-182. Comparison of Length Distribution for *Protoptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



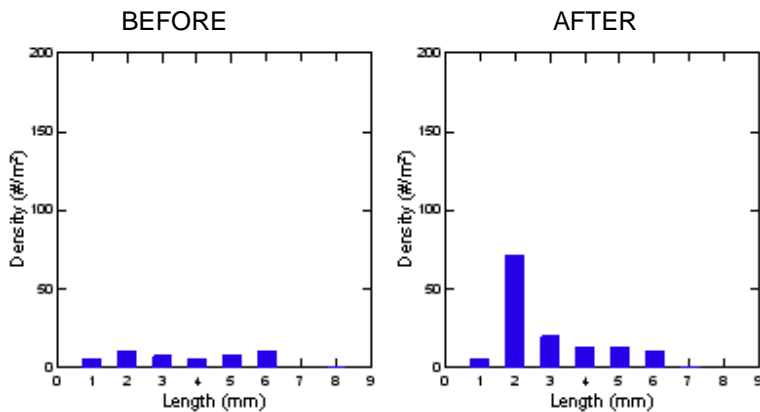
P=0.17

2008 Cresta Length Distributions



P=0.85

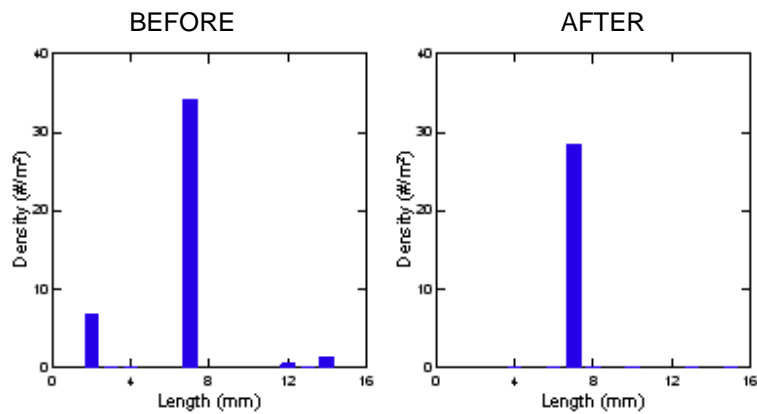
2008 UNF Length Distributions



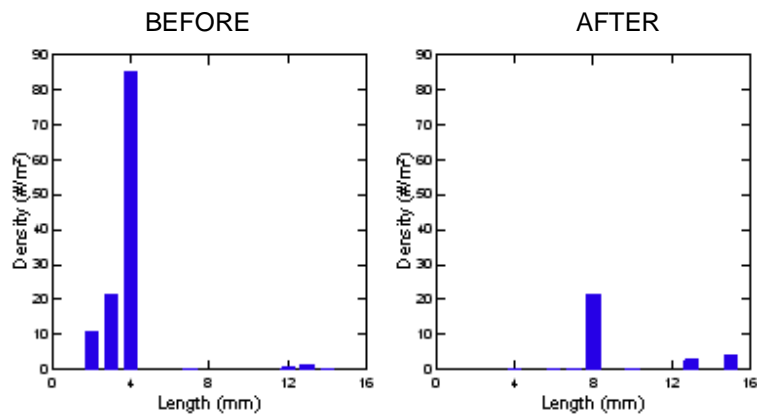
P=0.06

Figure 5.2-183. 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, Early August, 2008.

2008 Rock Creek Length Distributions

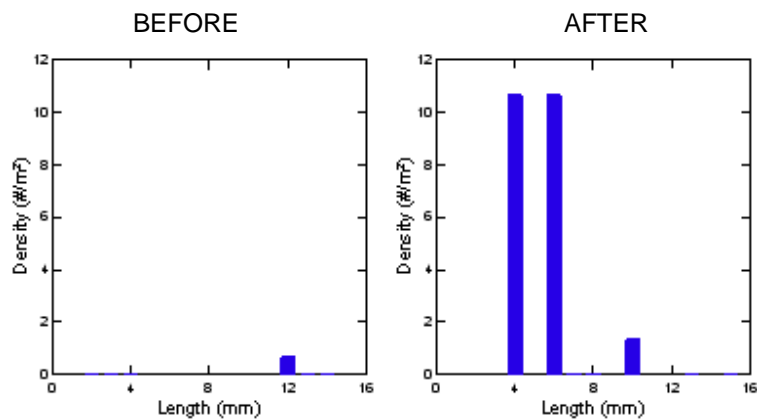


P=0.89



P=1.00

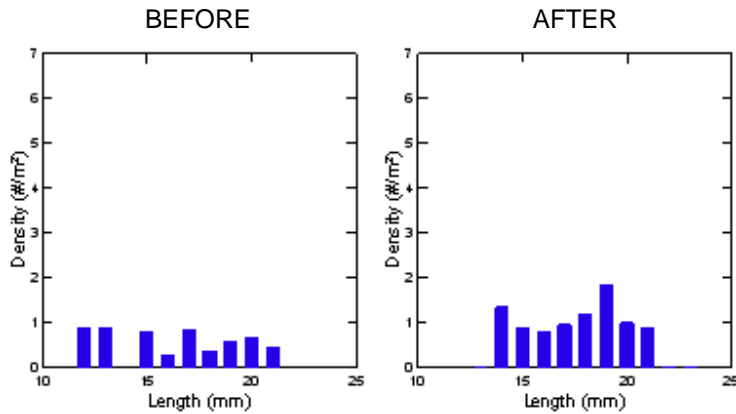
2008 UNF Length Distributions



P=0.92

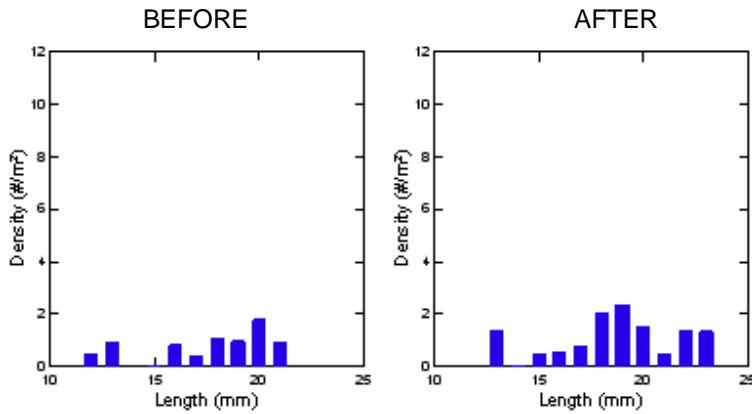
Figure 5.2-184. Comparison of Length Distribution for *Rhyacophila coloradensis* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



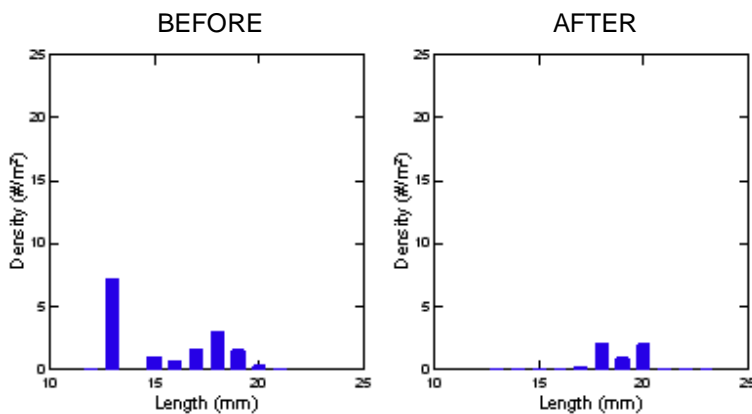
P=0.44

2008 Cresta Length Distributions



P=0.61

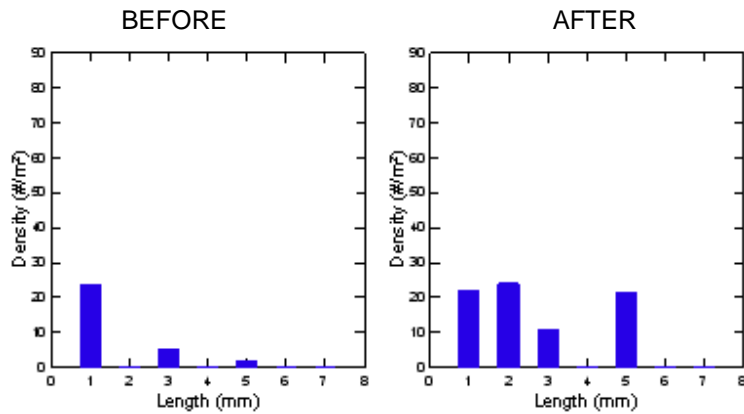
2008 UNF Length Distributions



P=0.25

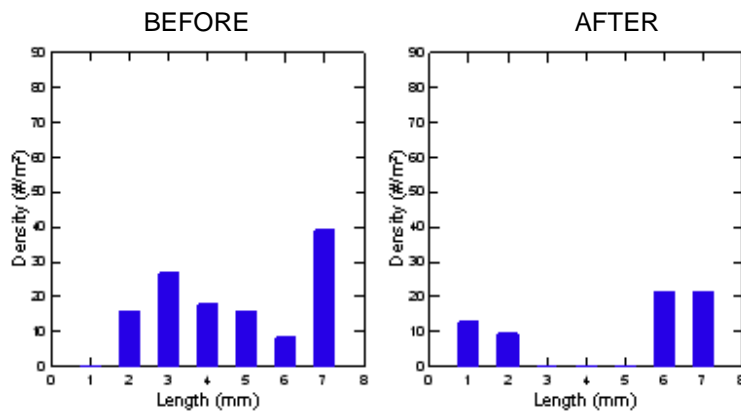
Figure 5.2-185. Comparison of Length Distribution for *Rhyacophila malkini* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



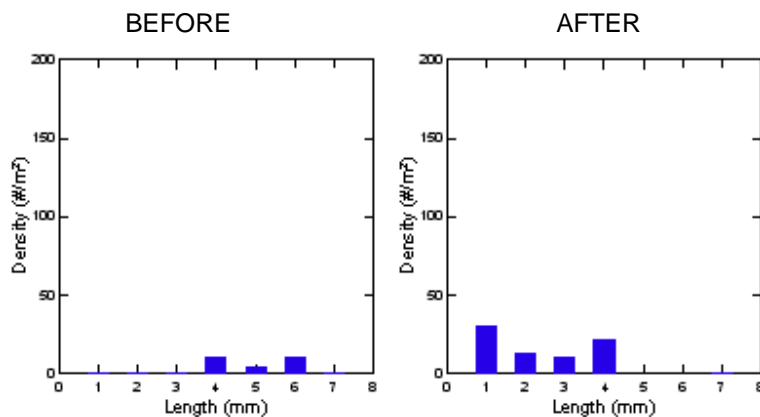
P=0.07

2008 Cresta Length Distributions



P=0.36

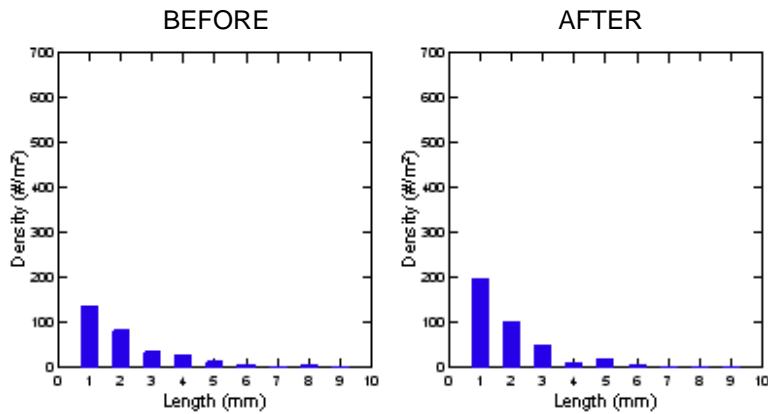
2008 UNF Length Distributions



P=0.32

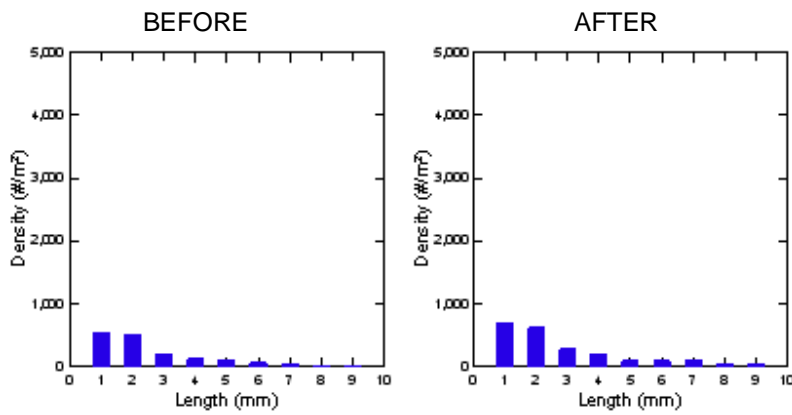
Figure 5.2-186. Comparison of Length Distribution for *Serratella micheneri* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



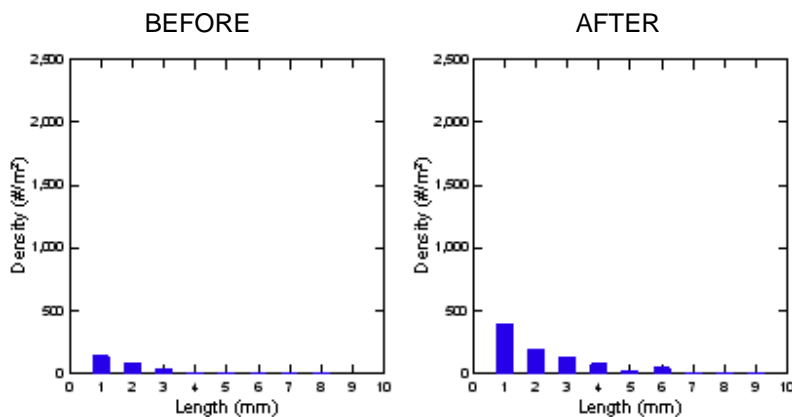
P=0.10

2008 Cresta Length Distributions



P=0.48

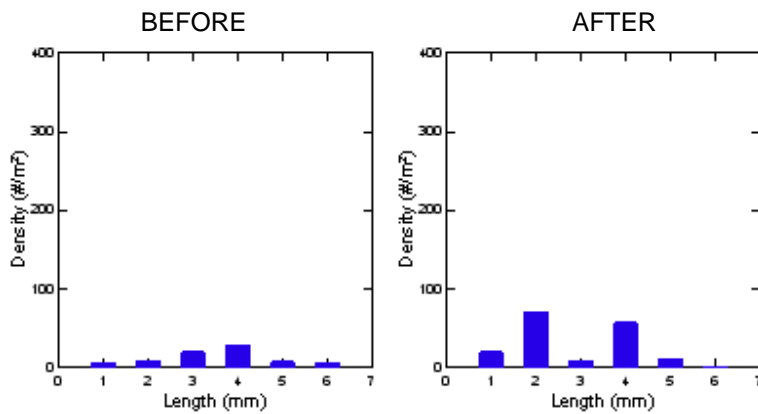
2008 UNF Length Distributions



P=0.37

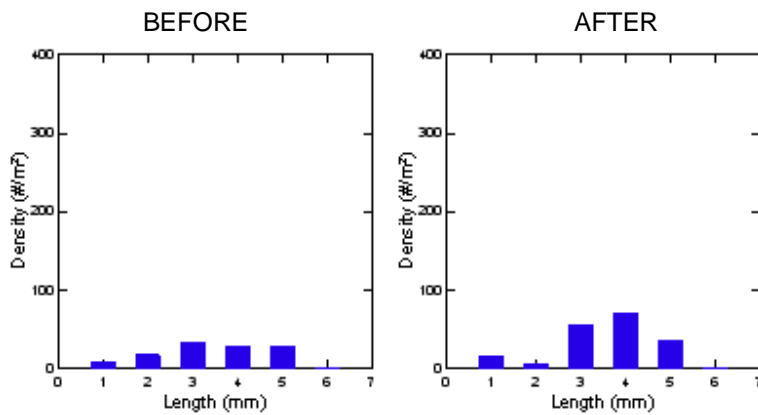
Figure 5.2-187. Comparison of Length Distribution for *Simulium* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



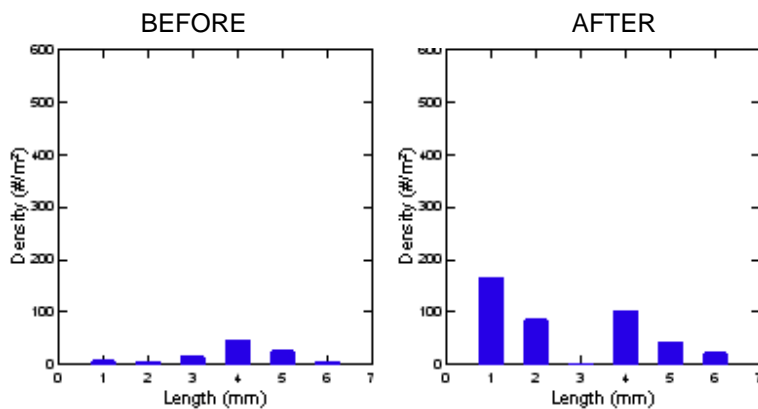
P=0.20

2008 Cresta Length Distributions



P=0.46

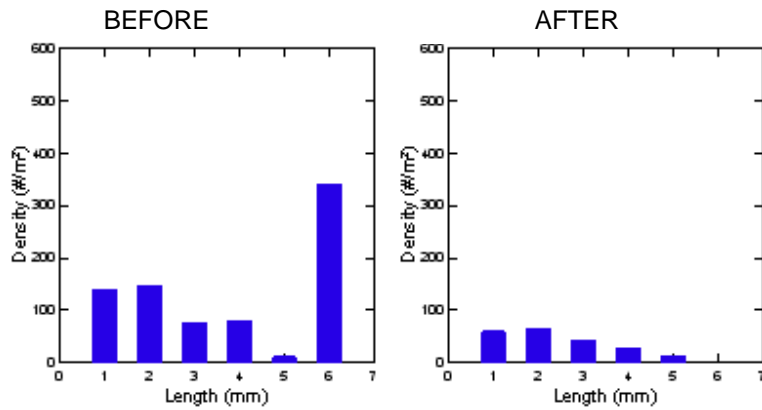
2008 UNF Length Distributions



P=0.25

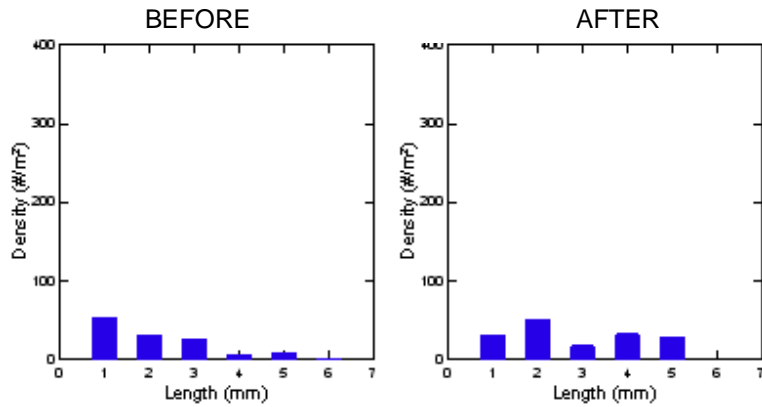
Figure 5.2-188. Comparison of Length Distribution for *Zaitzevia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Early August, 2008.

2008 Rock Creek Length Distributions



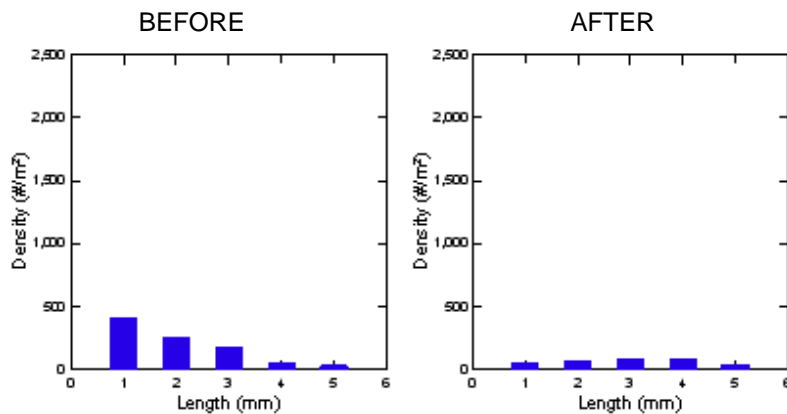
P=0.07

2008 Cresta Length Distributions



P=1.00

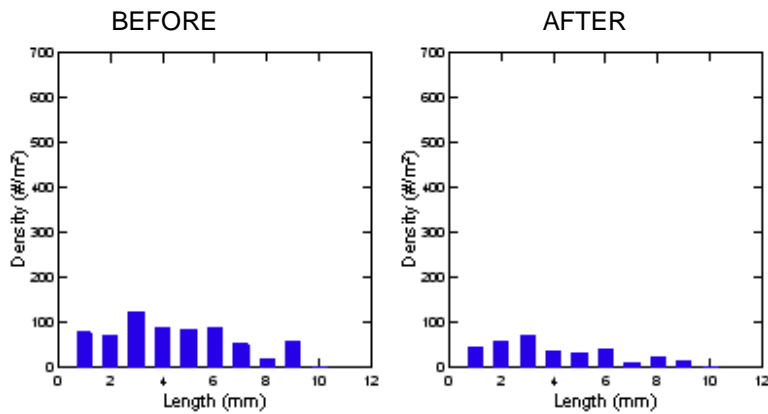
2008 UNF Length Distributions



P=0.29

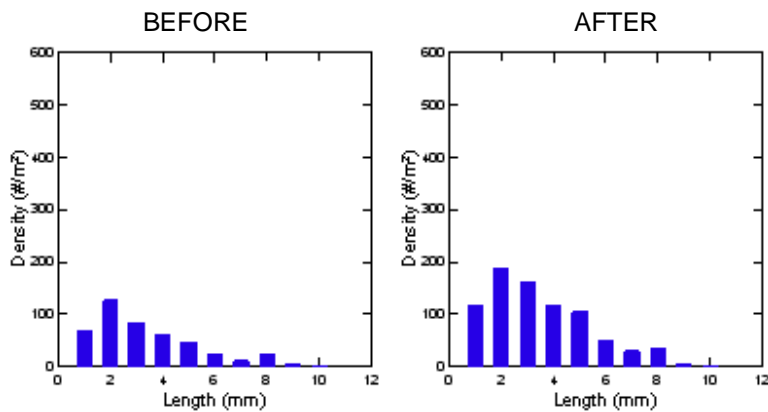
Figure 5.2-189. Comparison of Length Distribution for *Acentrella* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



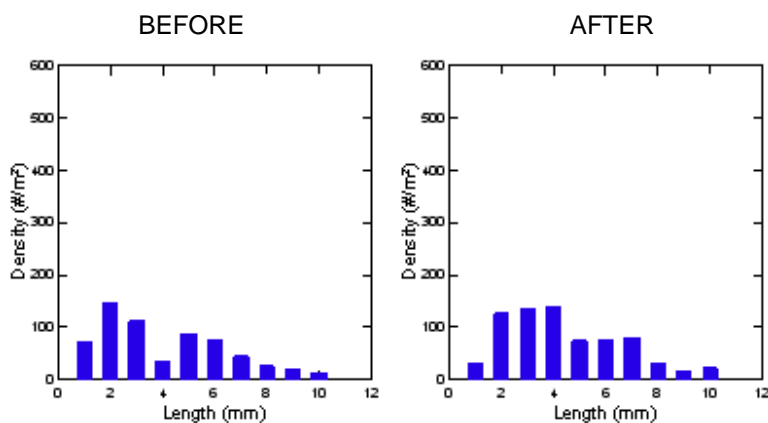
P=0.01

2008 Cresta Length Distributions



P=0.01

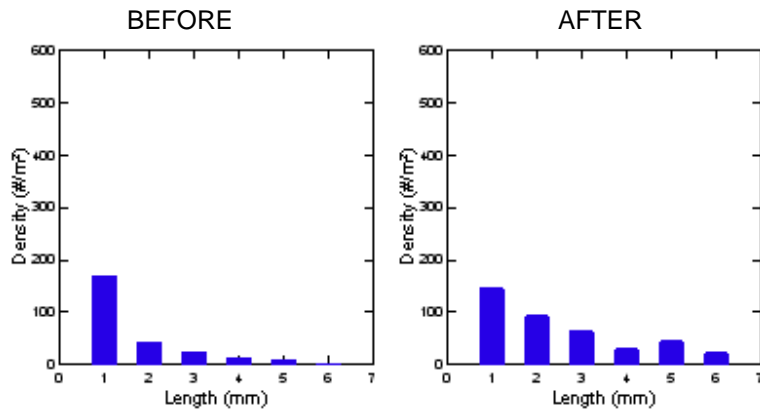
2008 UNF Length Distributions



P=0.16

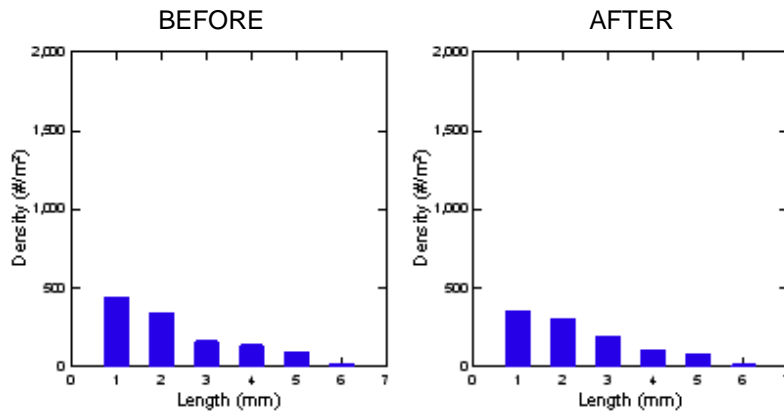
Figure 5.2-190. Comparison of Length Distribution for *Antocha* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



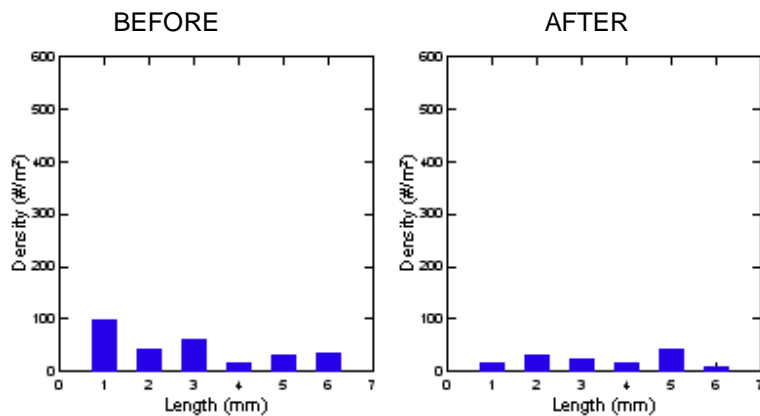
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2008 Cresta Length Distributions



P=0.13

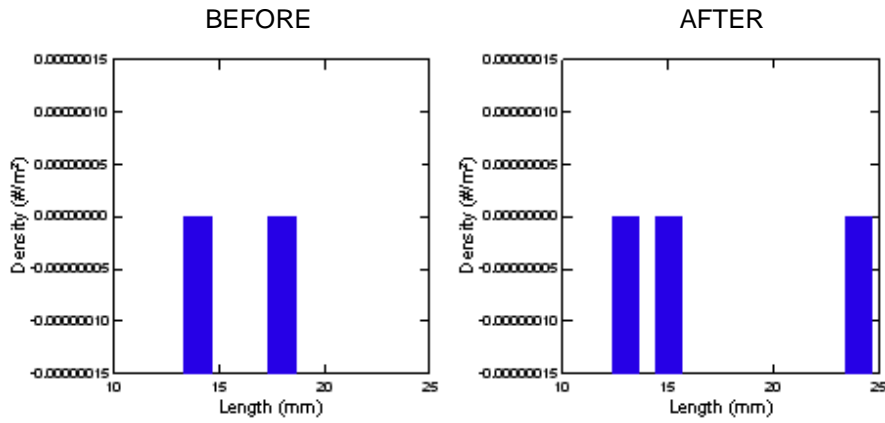
2008 UNF Length Distributions



P=0.45

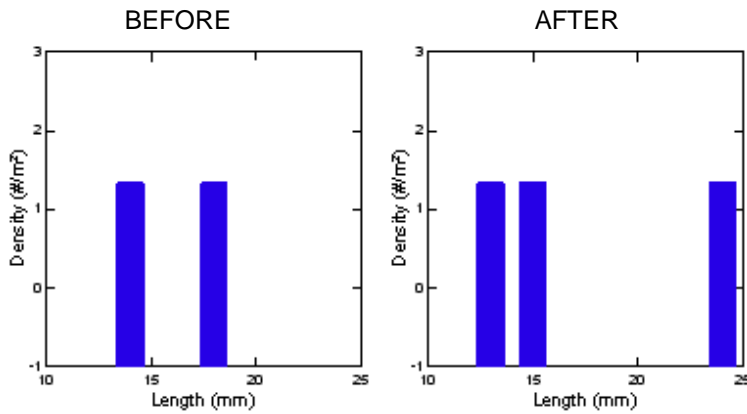
Figure 5.2-191. Comparison of Length Distribution for *Baetis tricaudatus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



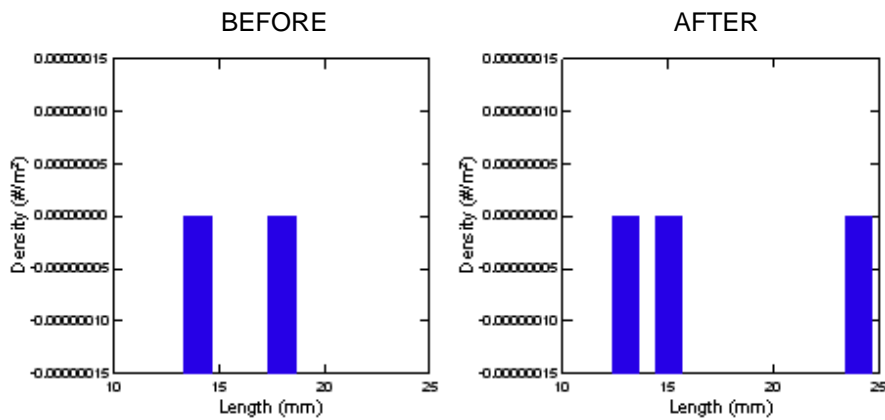
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2008 Cresta Length Distributions



P=NA

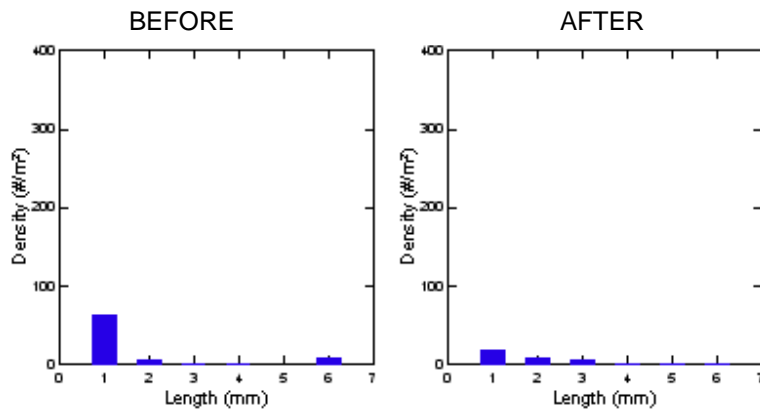
2008 UNF Length Distributions



P=NA

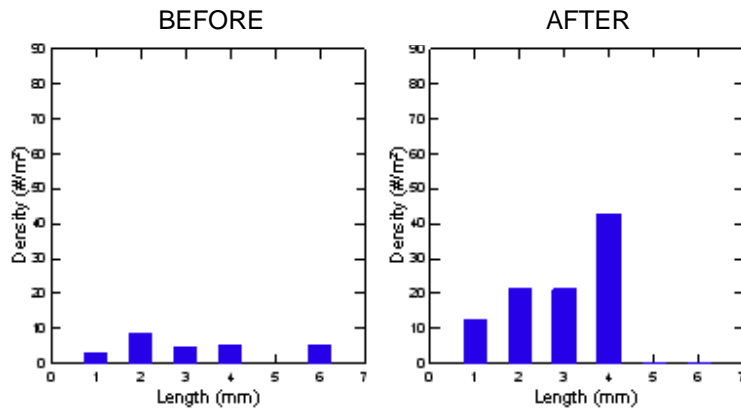
Figure 5.2-192. Comparison of Length Distribution for *Calineuria californica* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



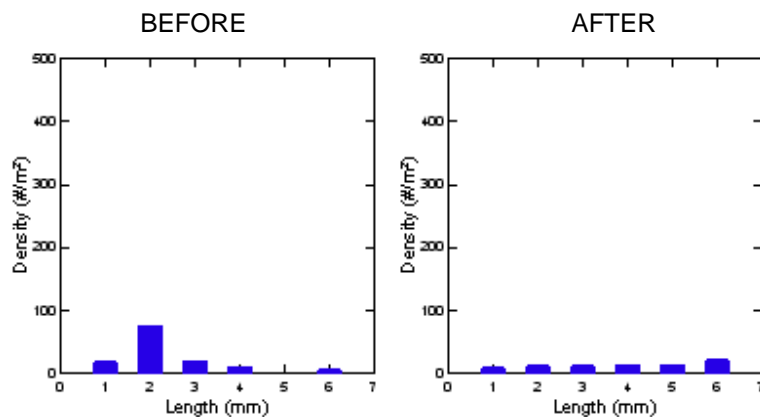
P=0.99

2008 Cresta Length Distributions



P=0.44

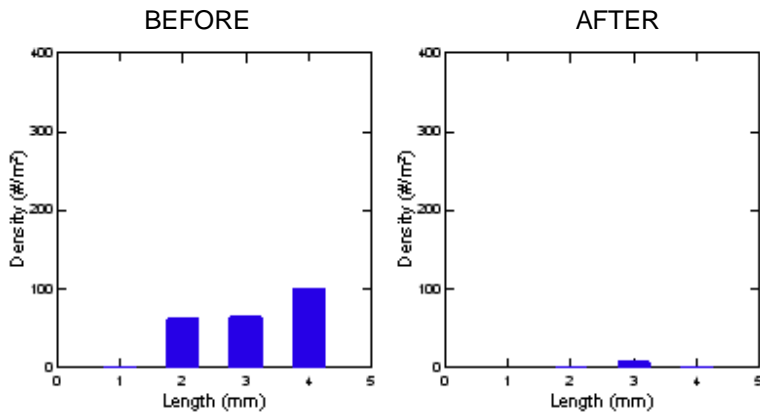
2008 UNF Length Distributions



P=0.03

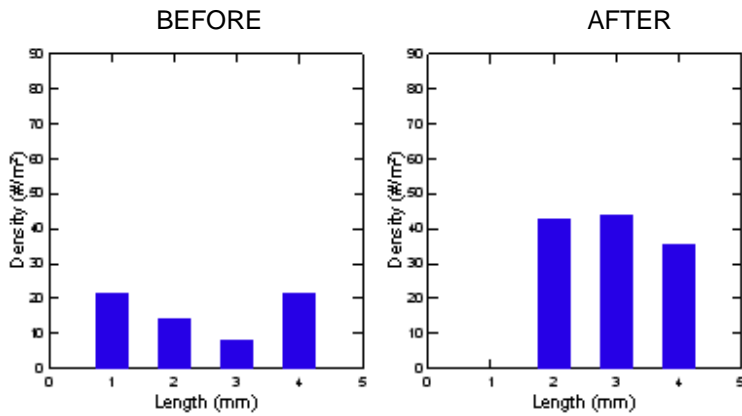
Figure 5.2-193. Comparison of Length Distribution for *Camelobaetidius* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



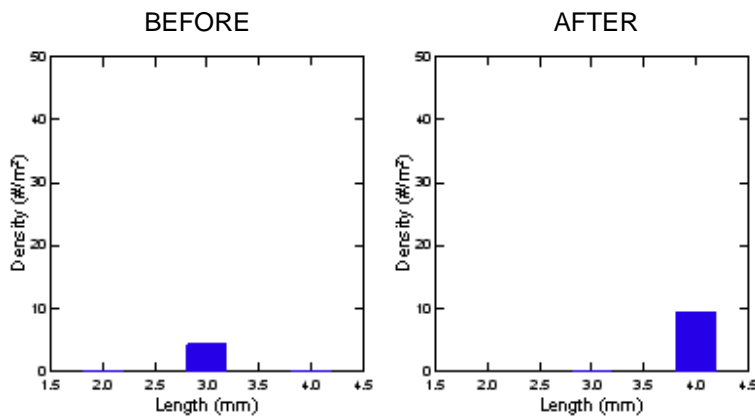
P=0.01

2008 Cresta Length Distributions



P=0.01

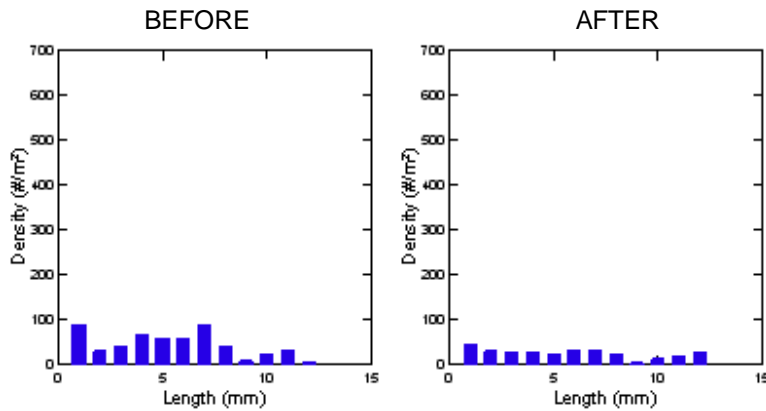
2008 UNF Length Distributions



P=0.96

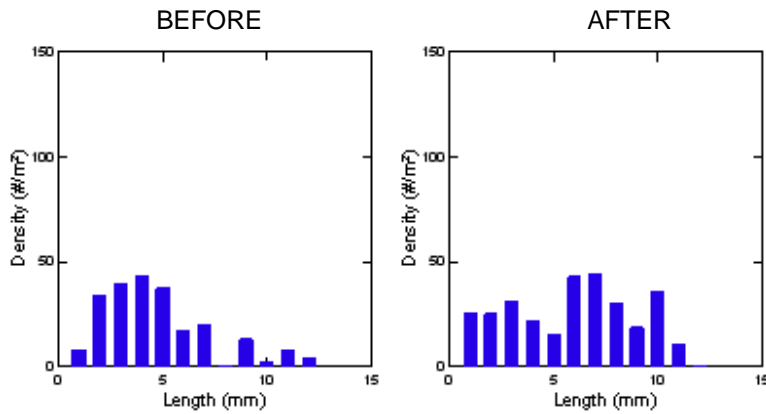
Figure 5.2-194. Comparison of Length Distribution for *Ceraclea* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



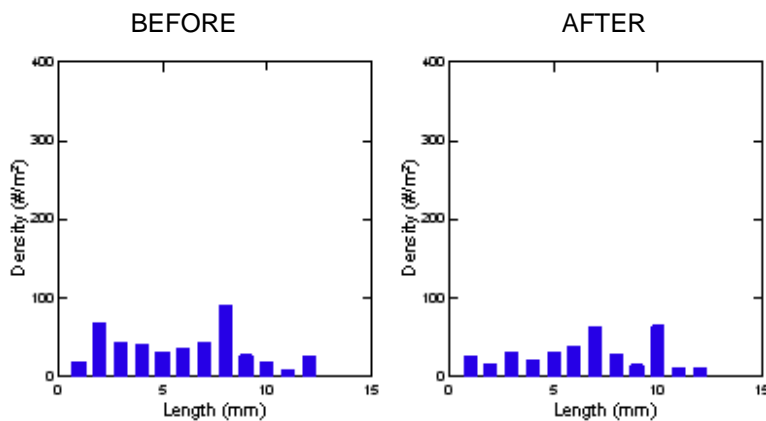
P=0.01

2008 Cresta Length Distributions



P=0.15

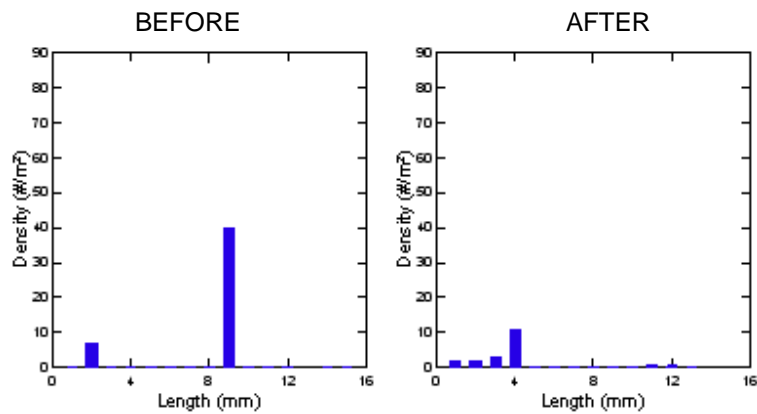
2008 UNF Length Distributions



P=0.01

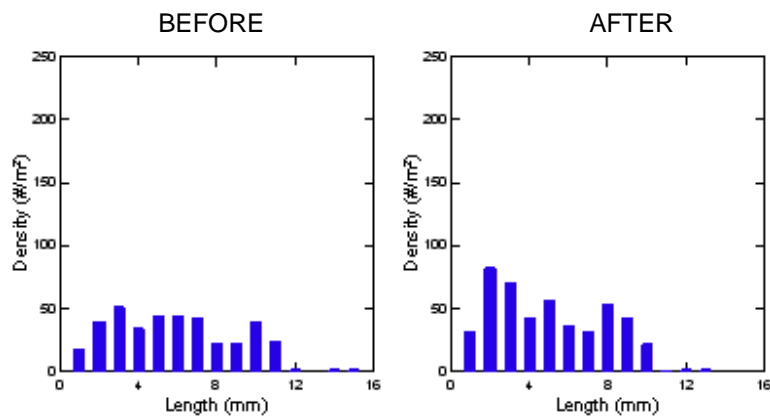
Figure 5.2-195. Comparison of Length Distribution for *Cheumatopsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



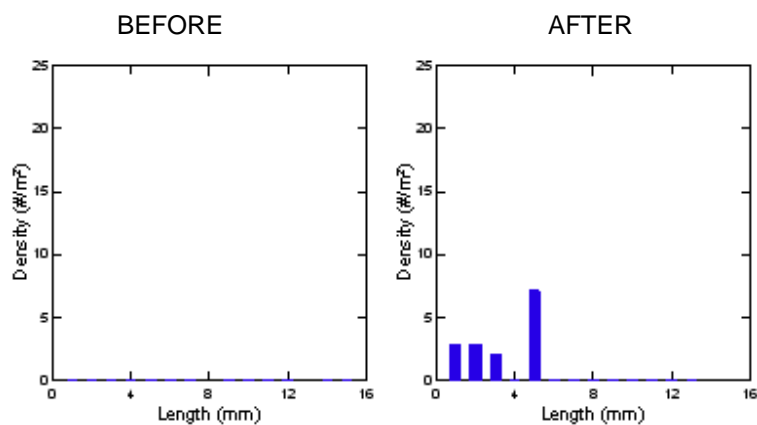
P=0.97

2008 Cresta Length Distributions



P=0.71

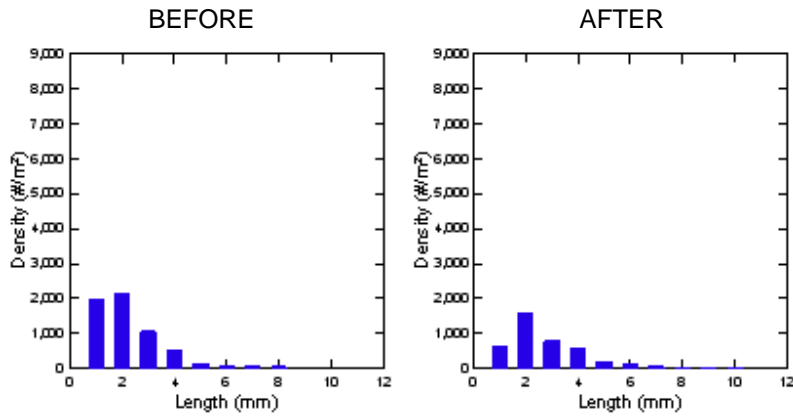
2008 UNF Length Distributions



P=0.99

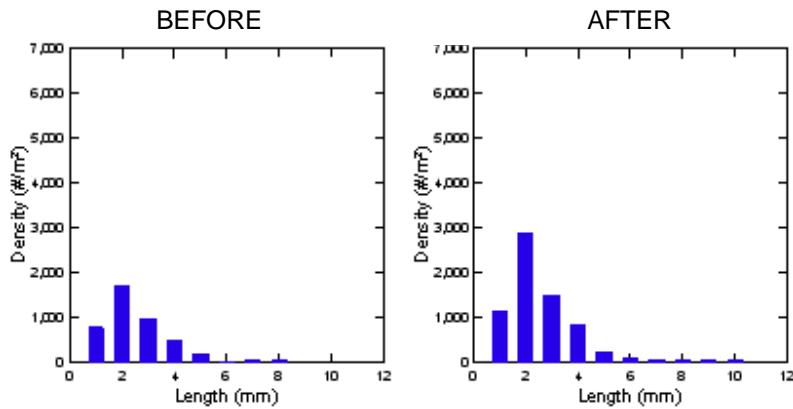
Figure 5.2-196. Comparison of Length Distribution for *Chimarra* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



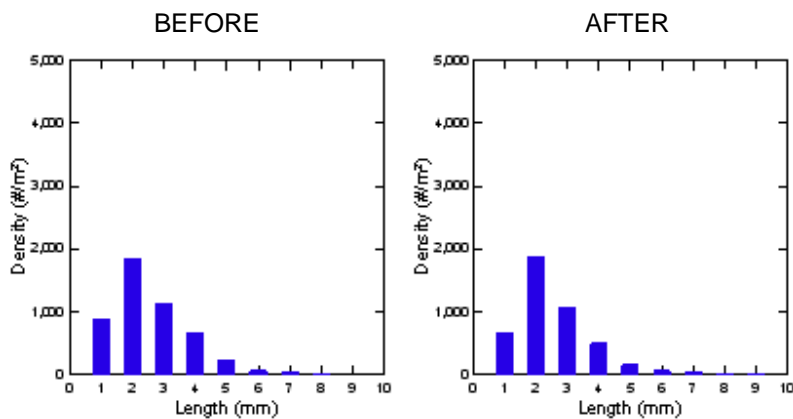
P=0.43

2008 Cresta Length Distributions



P=0.37

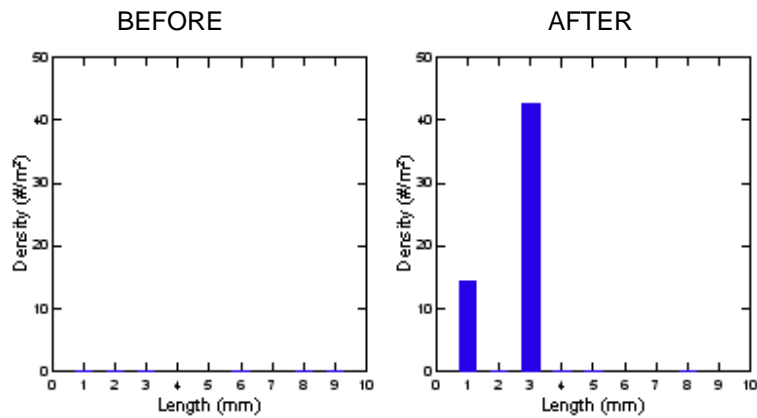
2008 UNF Length Distributions



P=1.00

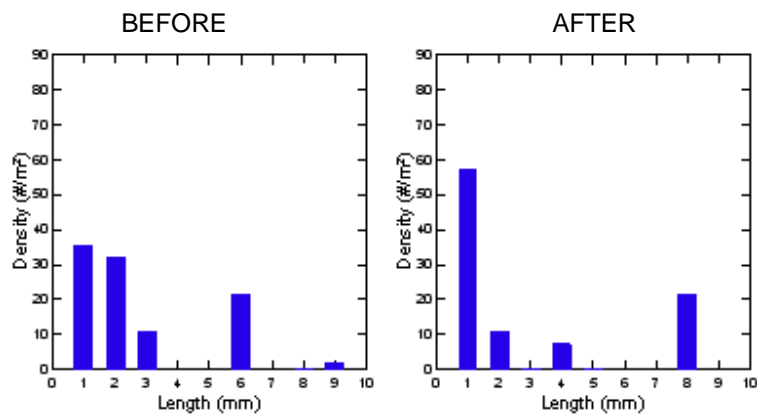
Figure 5.2-197. Comparison of Length Distribution for Chironomidae on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



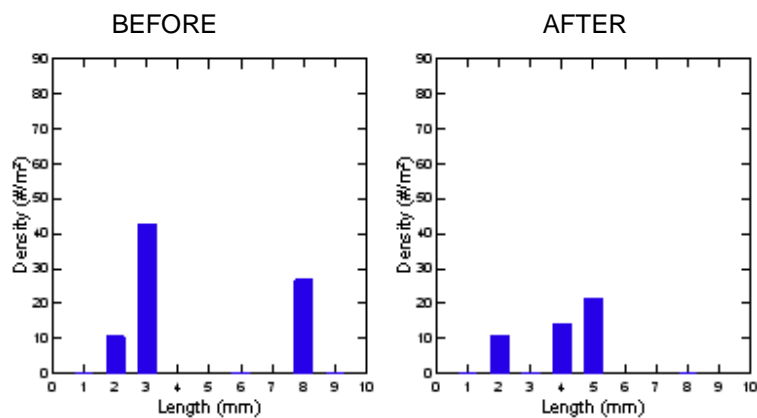
P=0.01

2008 Cresta Length Distributions



P=1.00

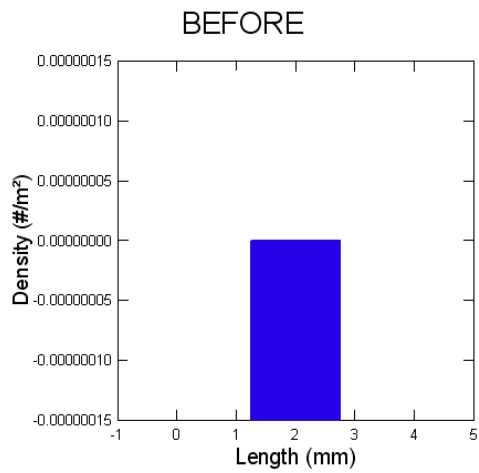
2008 UNF Length Distributions



P=0.99

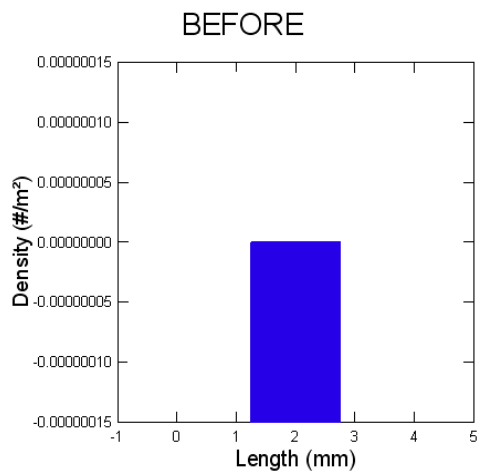
Figure 5.2-198. Comparison of Length Distribution for *Epeorus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



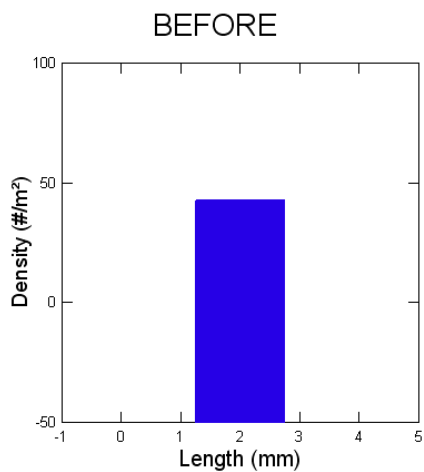
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2008 Cresta Length Distributions



P=NA

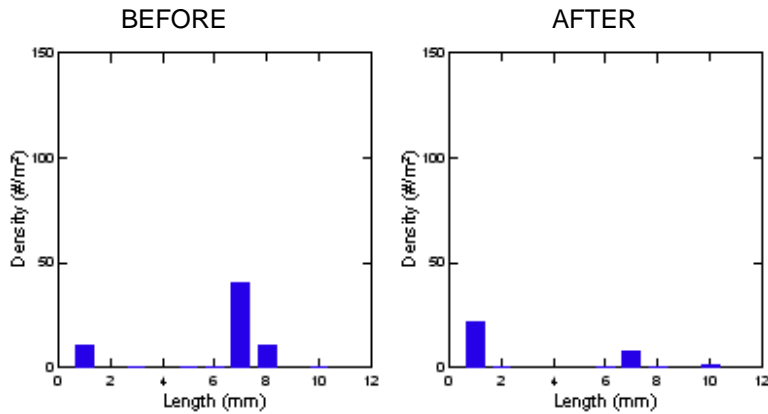
2008 UNF Length Distributions



P=NA

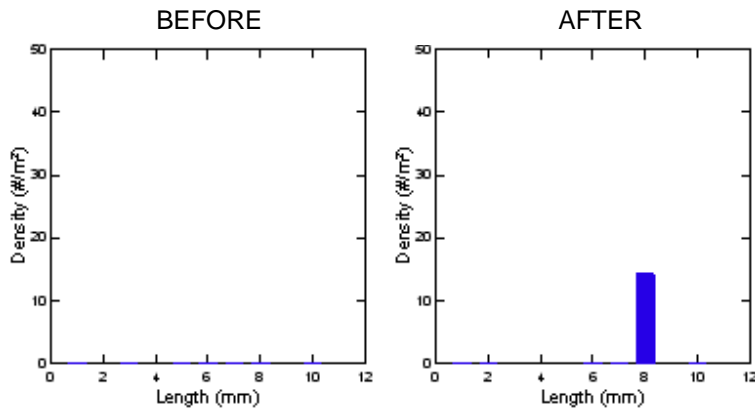
Figure 5.2-199. Comparison of Length Distribution for *Ephemerella excrucians* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



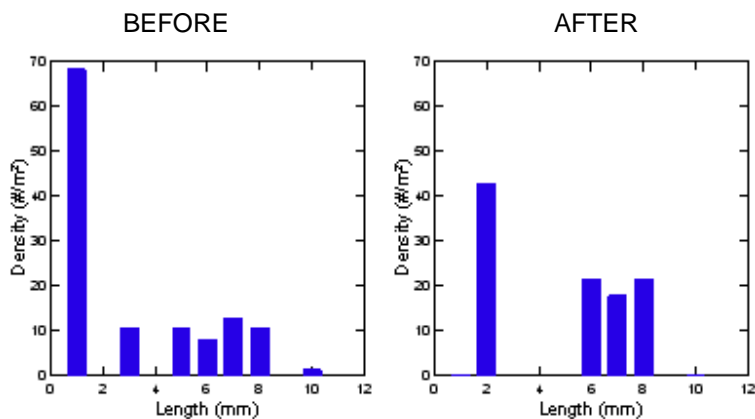
P=0.79

2008 Cresta Length Distributions



P=0.001

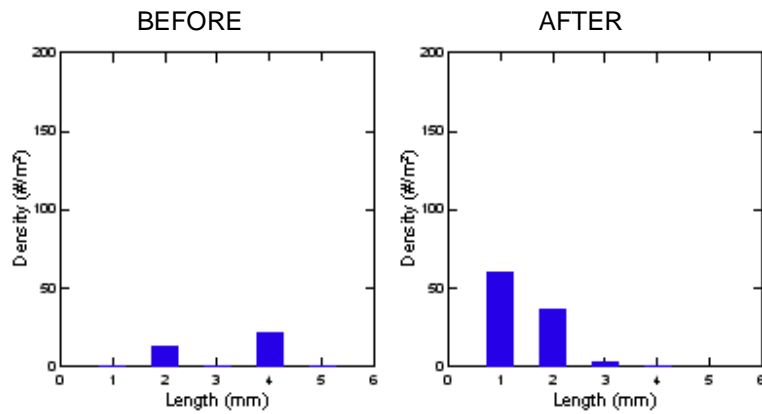
2008 UNF Length Distributions



P=0.04

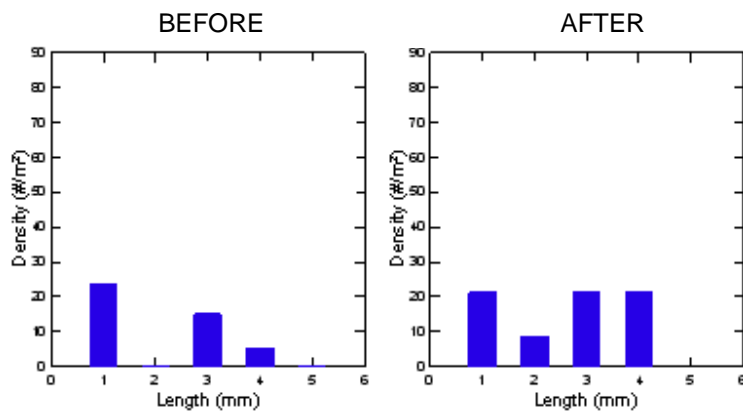
Figure 5.2-200. Comparison of Length Distribution for *Glossosoma* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



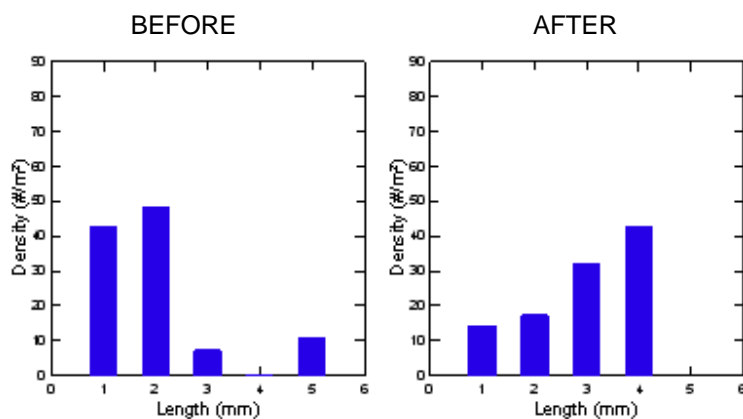
P=0.13

2008 Cresta Length Distributions



P=0.99

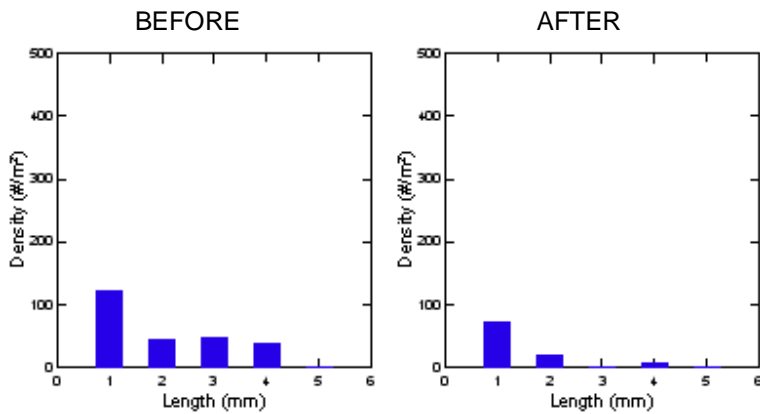
2008 UNF Length Distributions



P=0.67

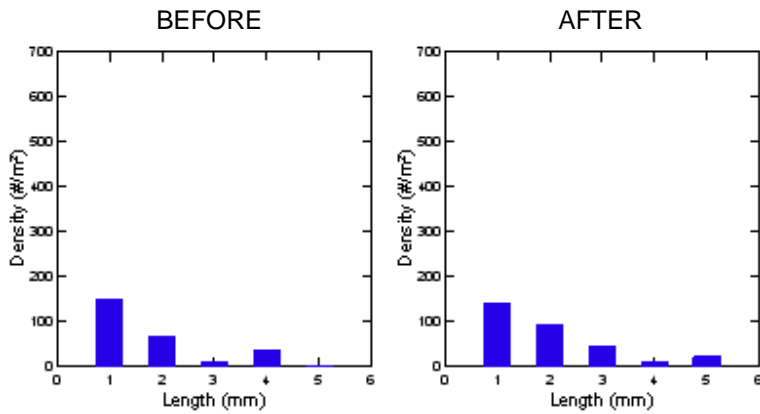
Figure 5.2-201. Comparison of Length Distribution for *Hemerodromia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



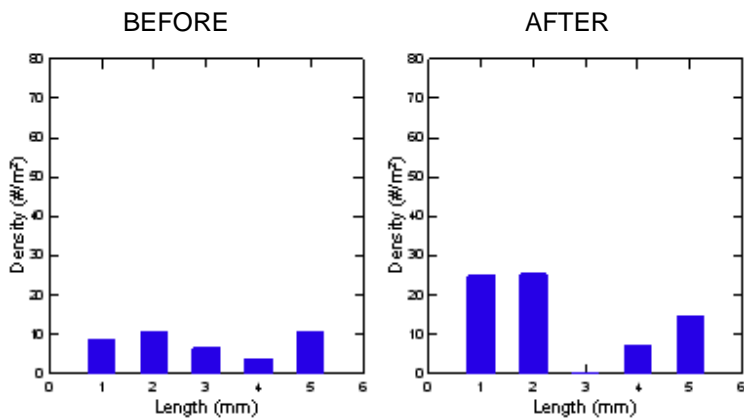
P=0.14

2008 Cresta Length Distributions



P=0.84

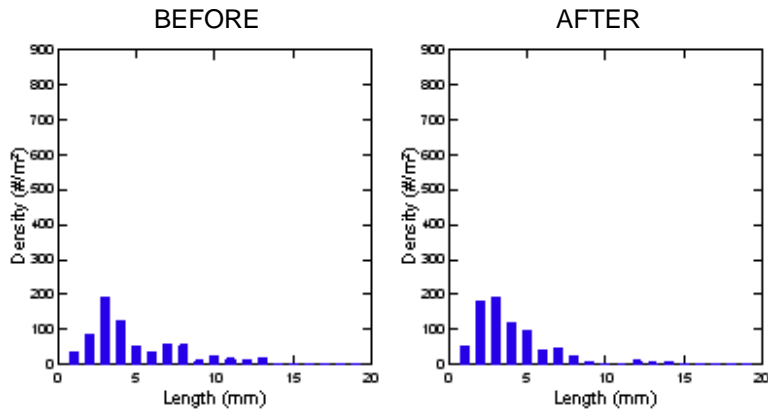
2008 UNF Length Distributions



P=0.01

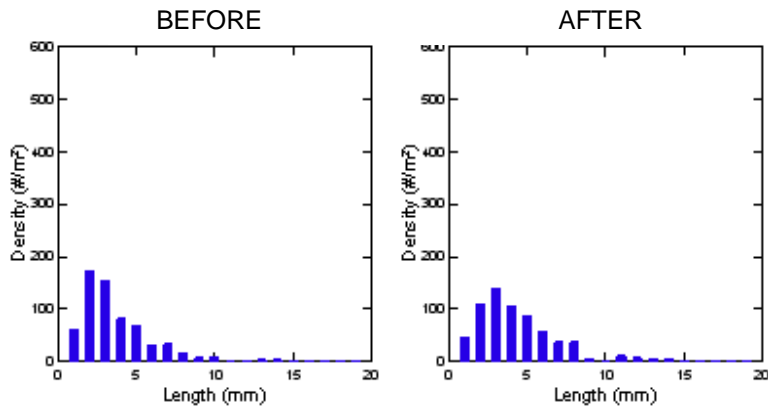
Figure 5.2-202. Comparison of Length Distribution for *Homoleptohyphes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



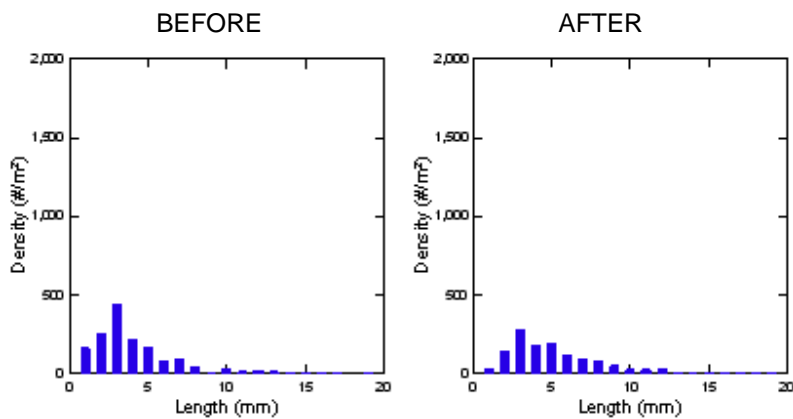
P=0.17

2008 Cresta Length Distributions



P=0.17

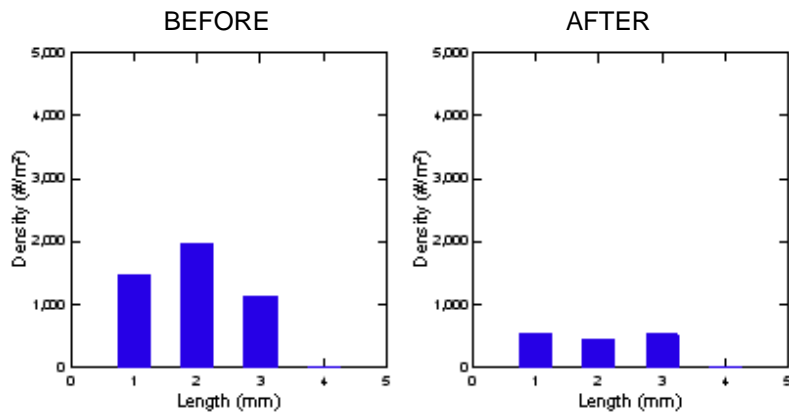
2008 UNF Length Distributions



P=0.01

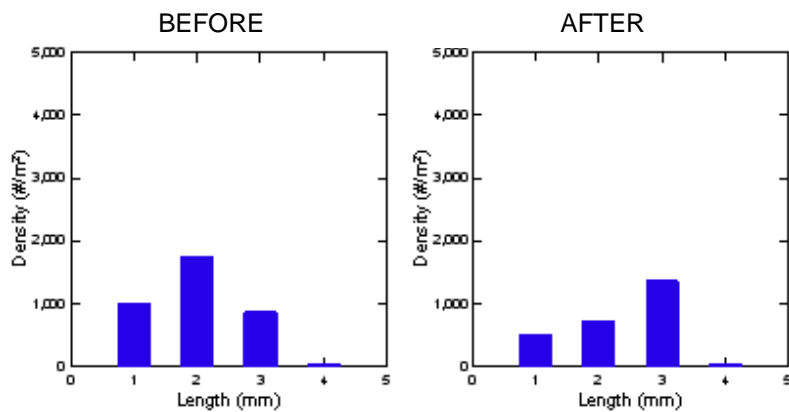
Figure 5.2-203. Comparison of Length Distribution for *Hydropsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



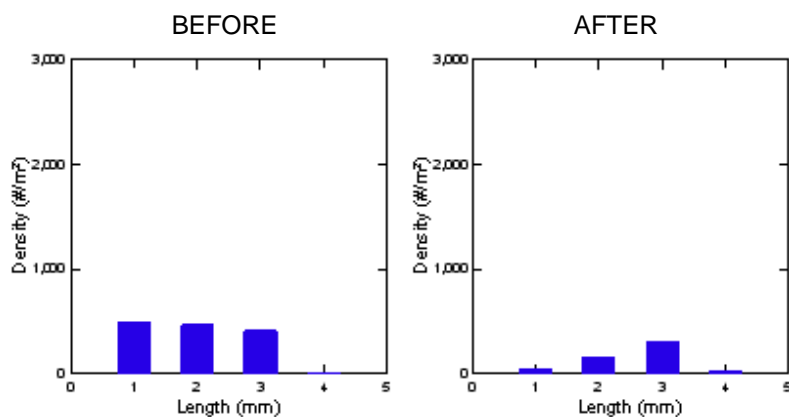
P=0.001

2008 Cresta Length Distributions



P=0.05

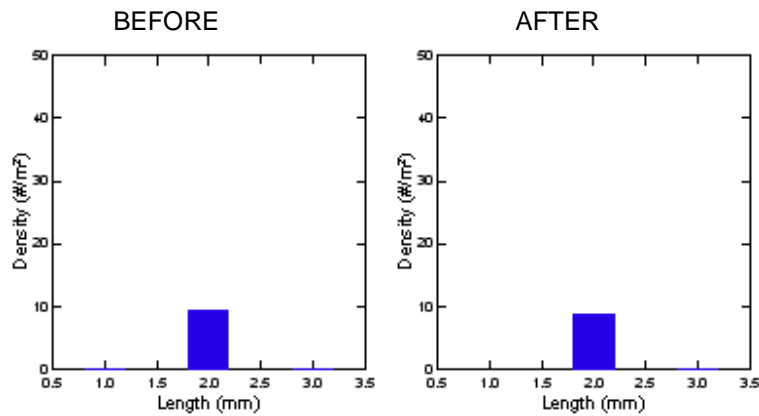
2008 UNF Length Distributions



P=0.001

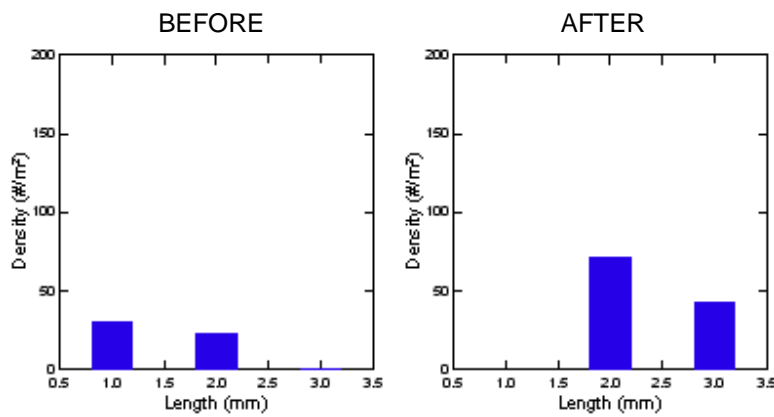
Figure 5.2-204. Comparison of Length Distribution for *Hydroptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



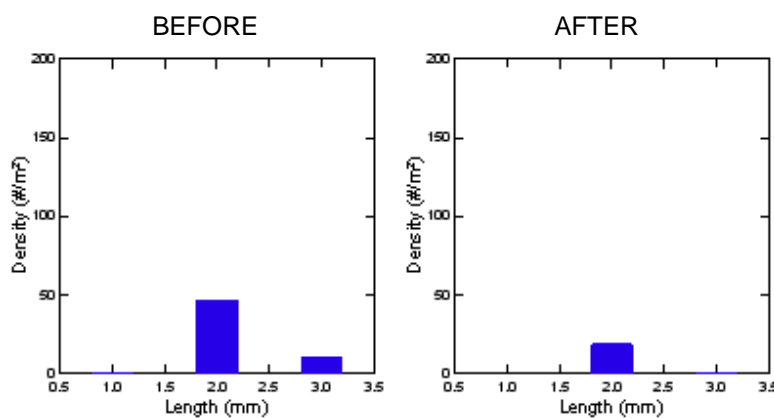
P=1.00

2008 Cresta Length Distributions



P=0.42

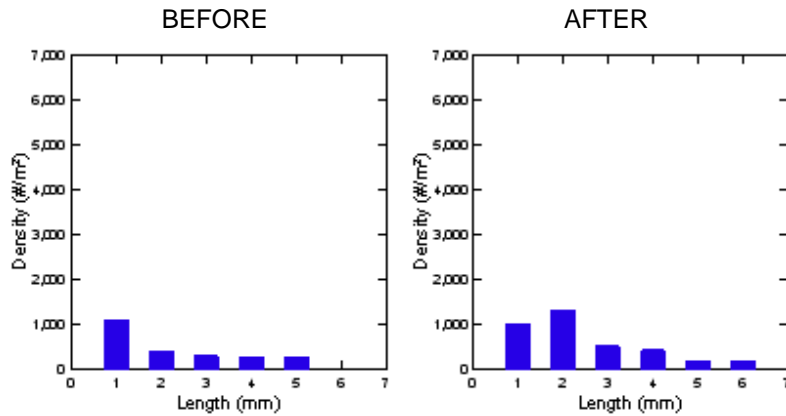
2008 UNF Length Distributions



P=0.88

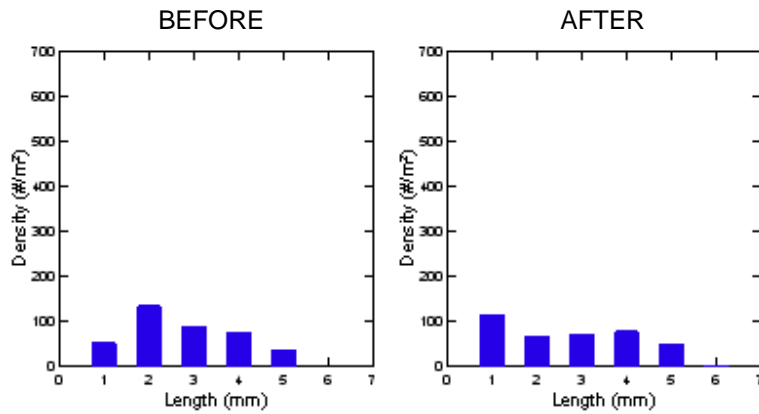
Figure 5.2-205. Comparison of Length Distribution for *Isoperla* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



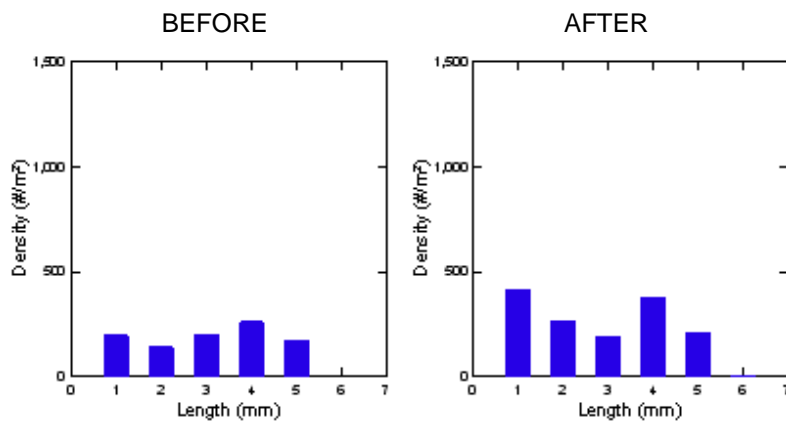
P=0.02

2008 Cresta Length Distributions



P=0.66

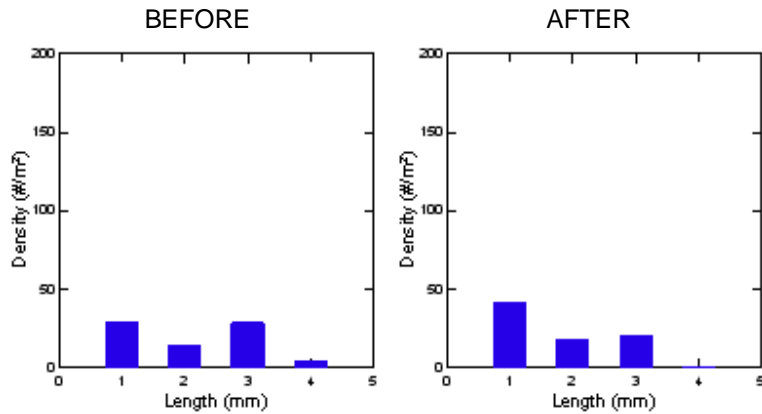
2008 UNF Length Distributions



P=0.37

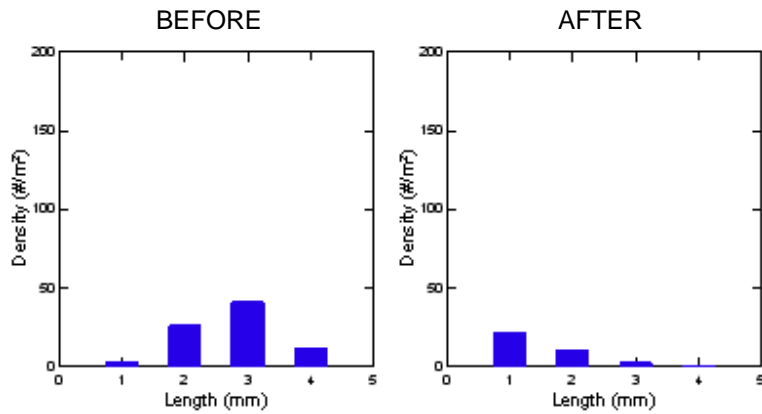
Figure 5.2-206. Comparison of Length Distribution for *Leucotrichia pictipes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



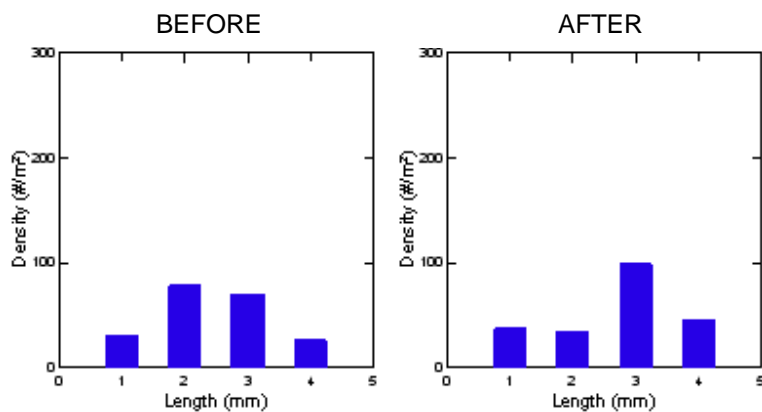
P=0.84

2008 Cresta Length Distributions



P=0.05

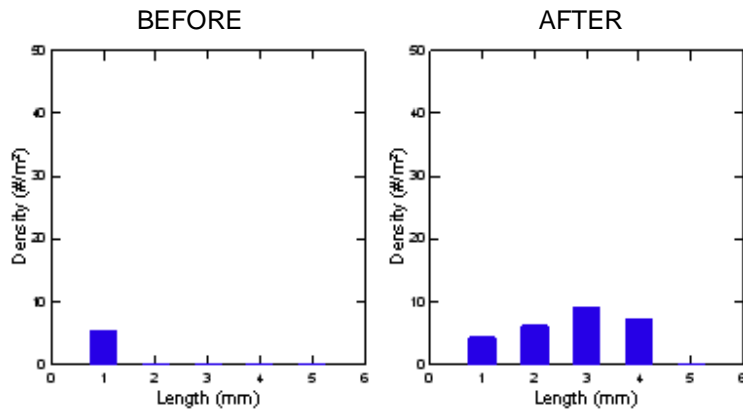
2008 UNF Length Distributions



P=0.92

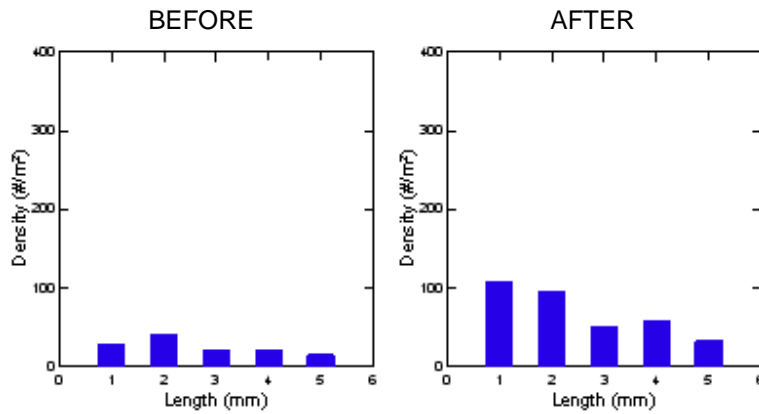
Figure 5.2-207. Comparison of Length Distribution for *Ochrotrichia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



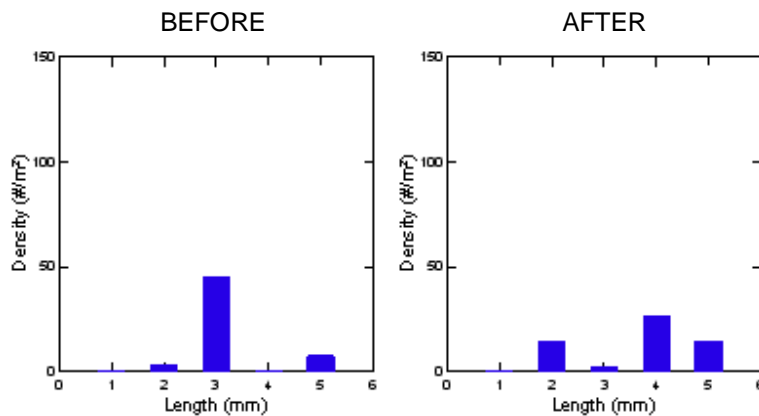
P=0.99

2008 Cresta Length Distributions



P=0.09

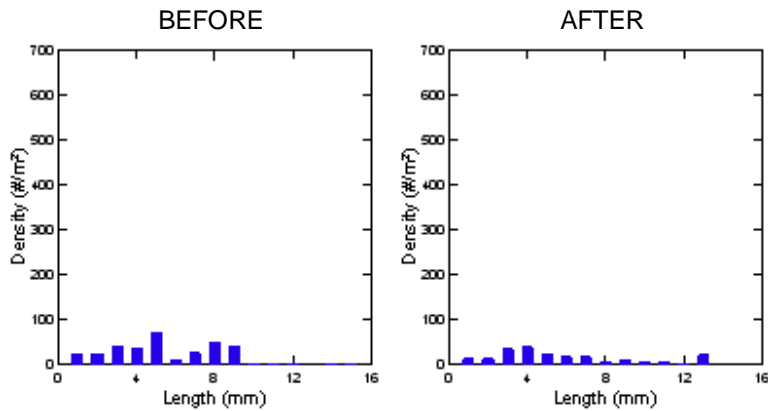
2008 UNF Length Distributions



P=0.51

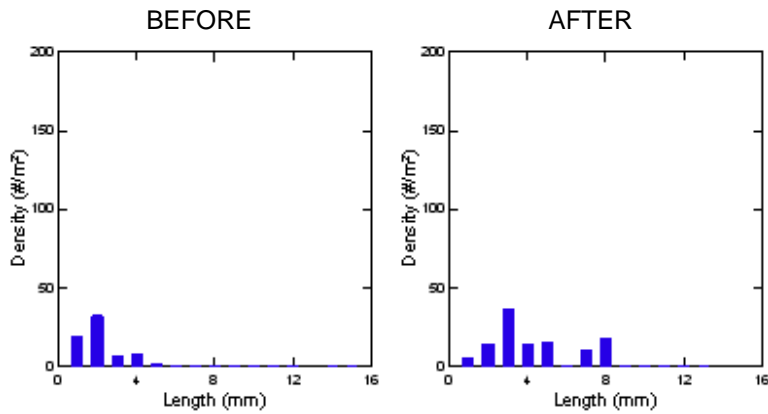
Figure 5.2-208. Comparison of Length Distribution for *Optioservus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



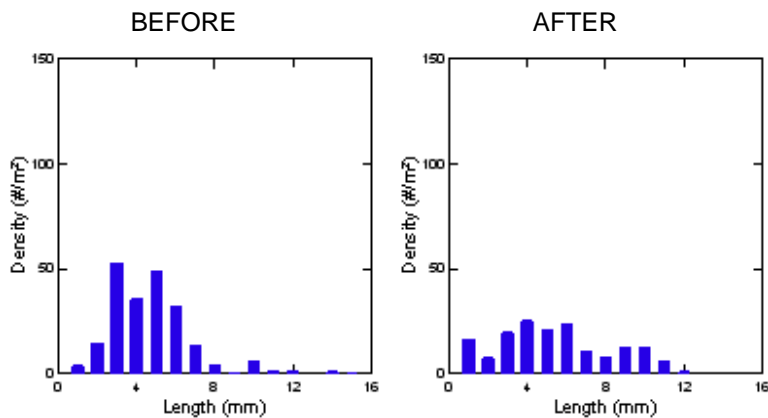
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2008 Cresta Length Distributions



P=0.70

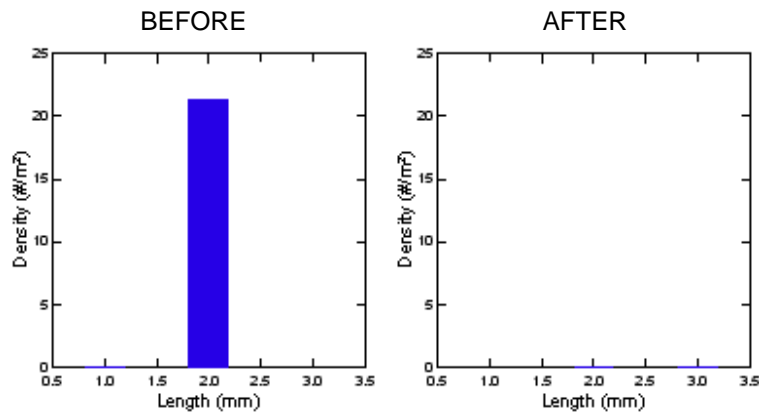
2008 UNF Length Distributions



P=0.46

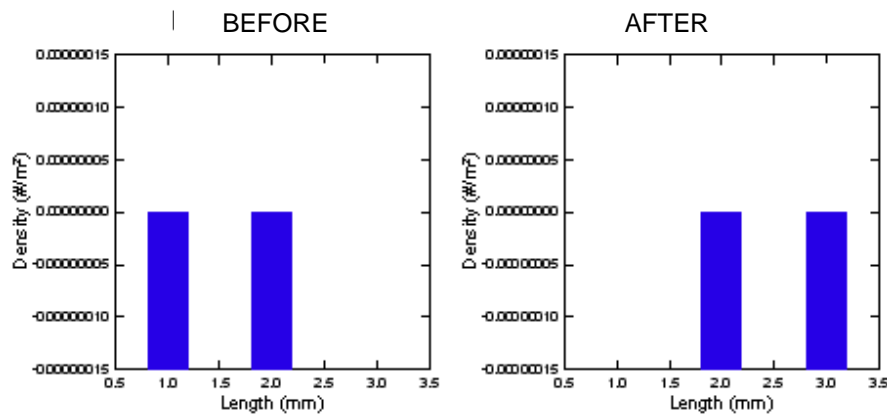
Figure 5.2-209. Comparison of Length Distribution for *Petrophila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



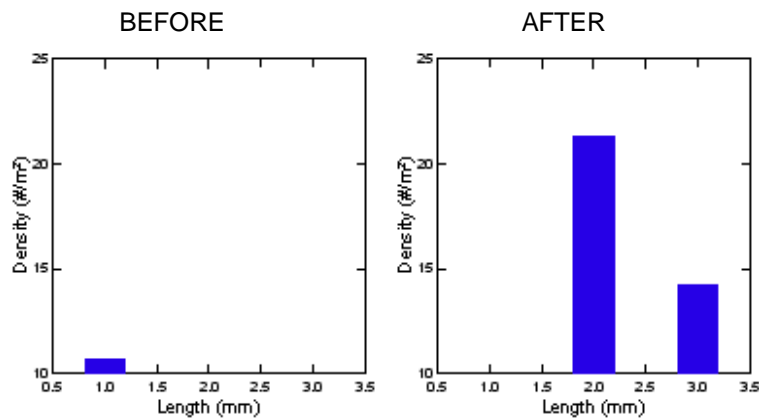
P=1.00

2008 Cresta Length Distributions



P=NA

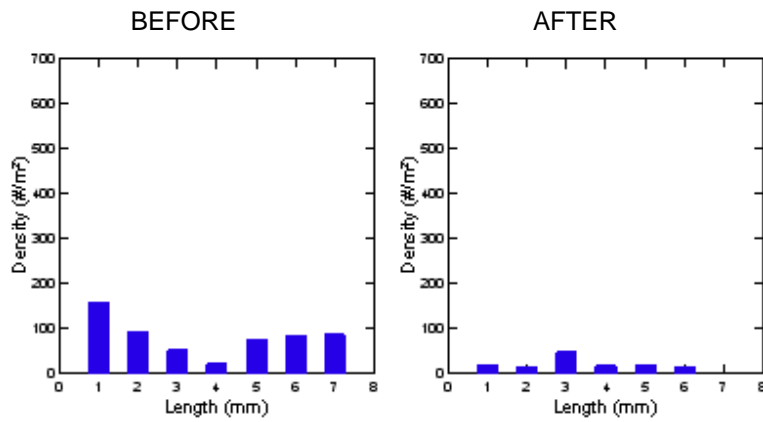
2008 UNF Length Distributions



P=0.001

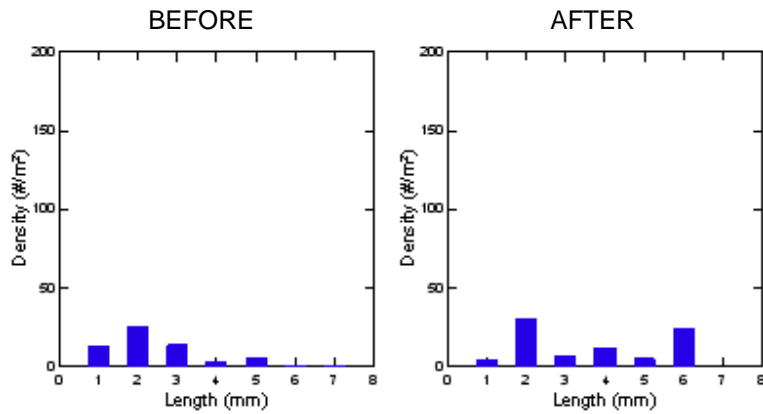
Figure 5.2-210. Comparison of Length Distribution for *Protoptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



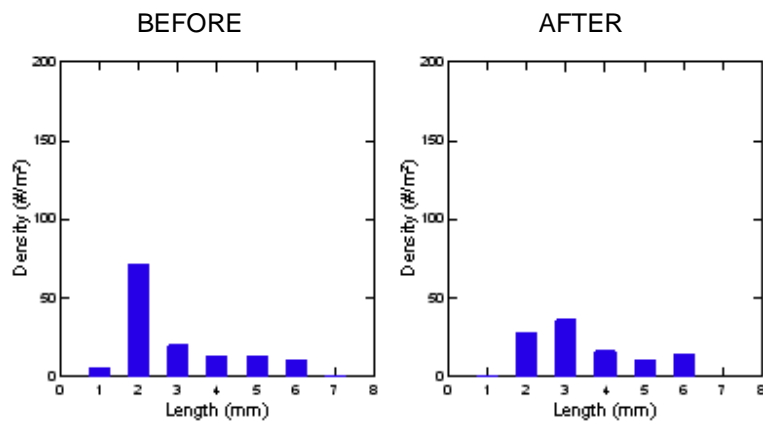
P=0.04

2008 Cresta Length Distributions



P=1.00

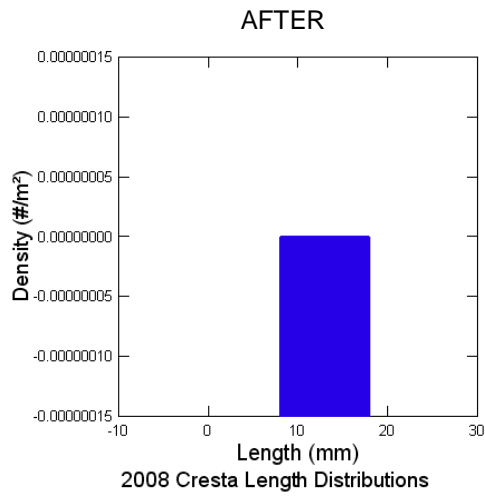
2008 UNF Length Distributions



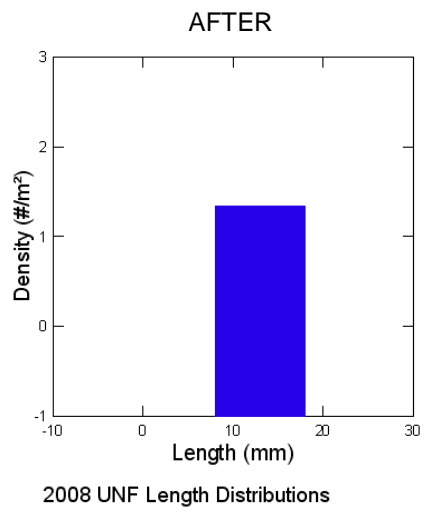
P=0.69

Figure 5.2-211. 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, Late August, 2008.

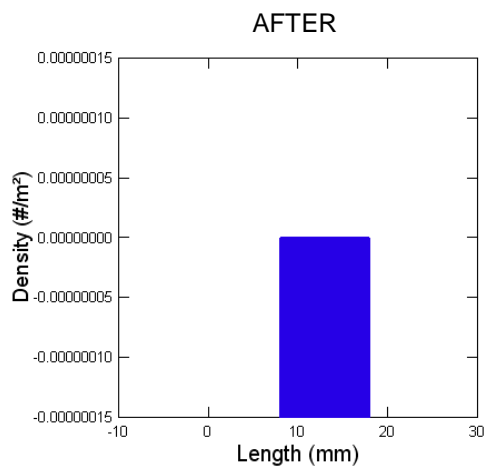
2008 Rock Creek Length Distributions



P=NA



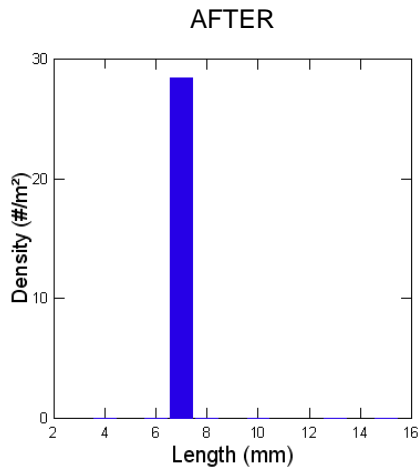
P=NA



P=NA

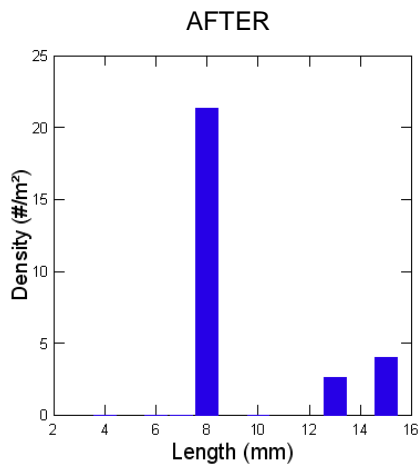
Figure 5.2-212. Comparison of Length Distribution for *Rhyacophila angelita* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



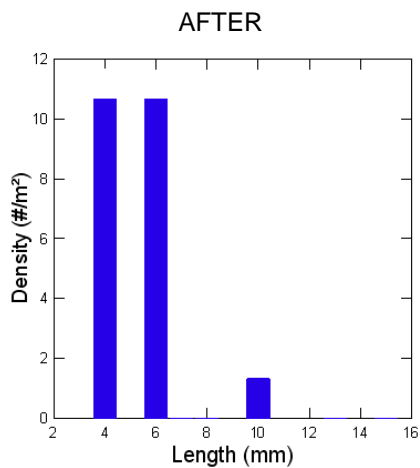
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2008 Cresta Length Distributions



P=0.001

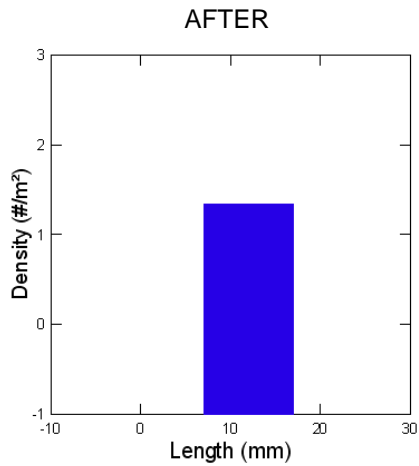
2008 UNF Length Distributions



P=0.001

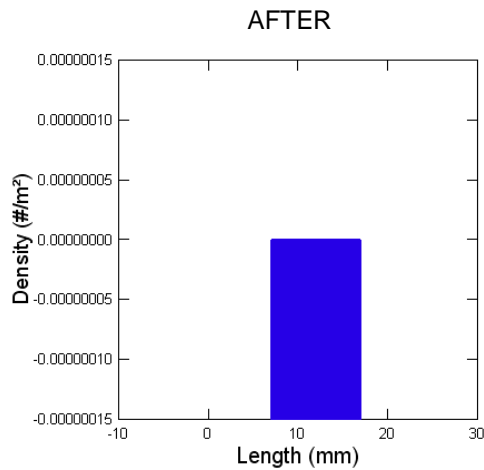
Figure 5.2-213. Comparison of Length Distribution for *Rhyacophila coloradensis* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



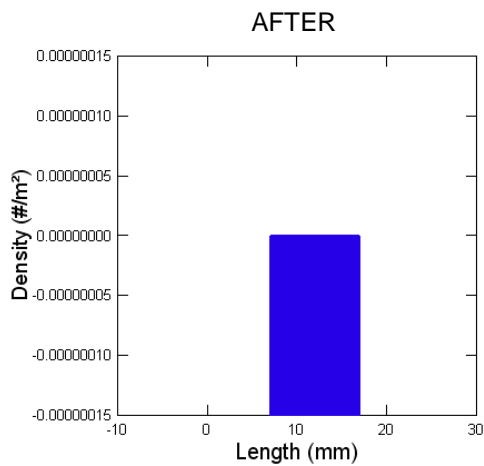
P=NA

2008 Cresta Length Distributions



P=NA

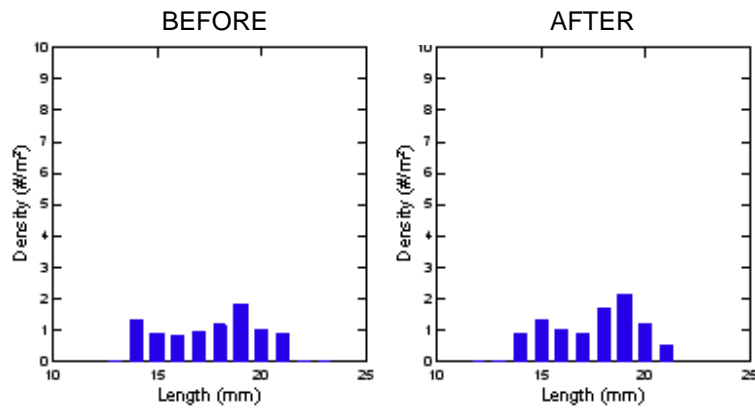
2008 UNF Length Distributions



P=NA

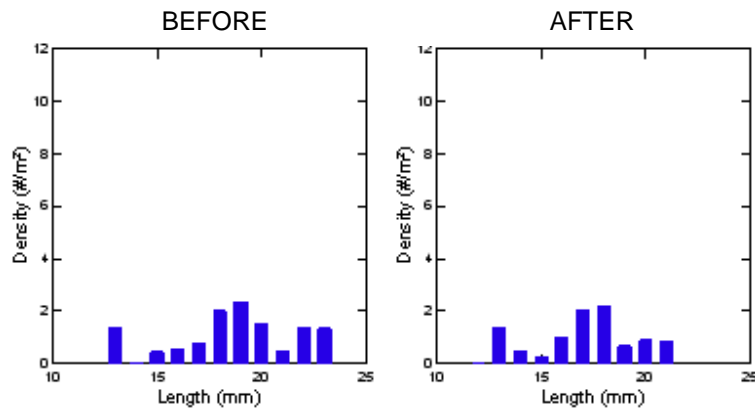
Figure 5.2-214. Comparison of Length Distribution for *Rhyacophila hyalinta* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



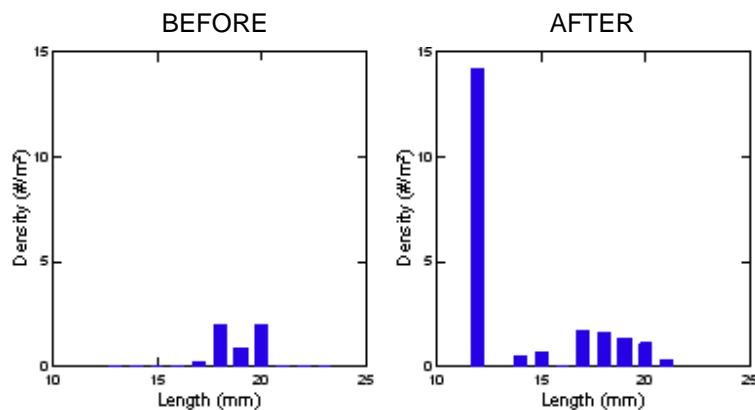
P=0.95

2008 Cresta Length Distributions



P=0.40

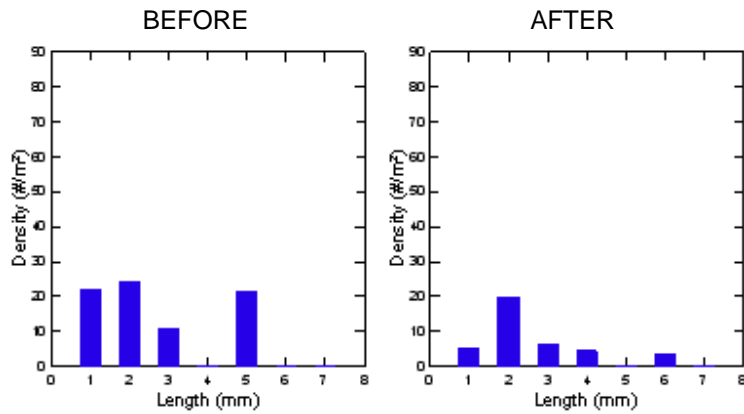
2008 UNF Length Distributions



P=0.26

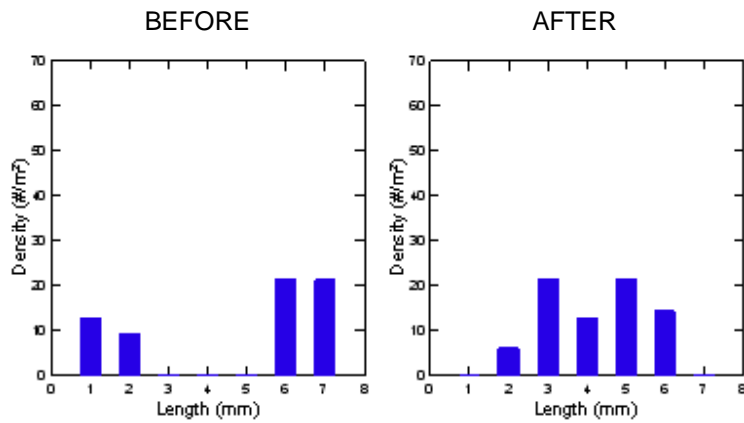
Figure 5.2-215. Comparison of Length Distribution for *Rhyacophila malkini* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



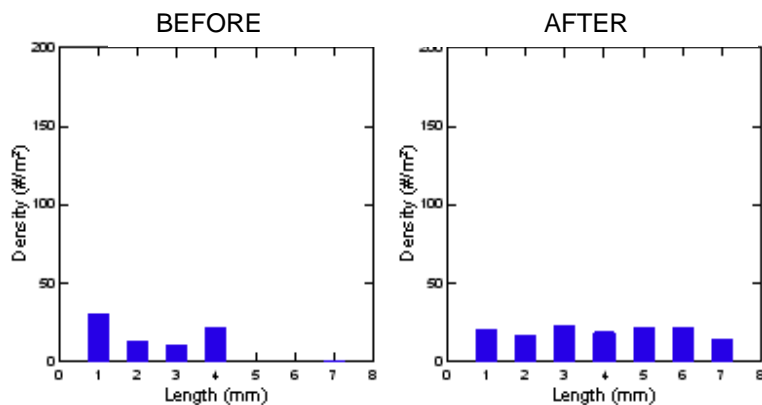
P=0.47

2008 Cresta Length Distributions



P=0.93

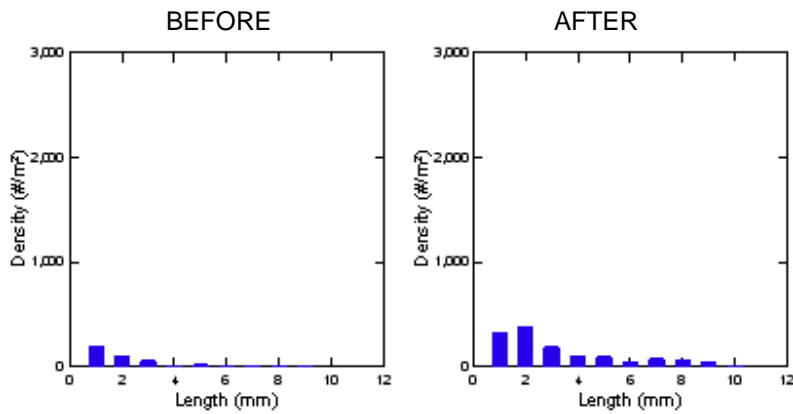
2008 UNF Length Distributions



P=0.41

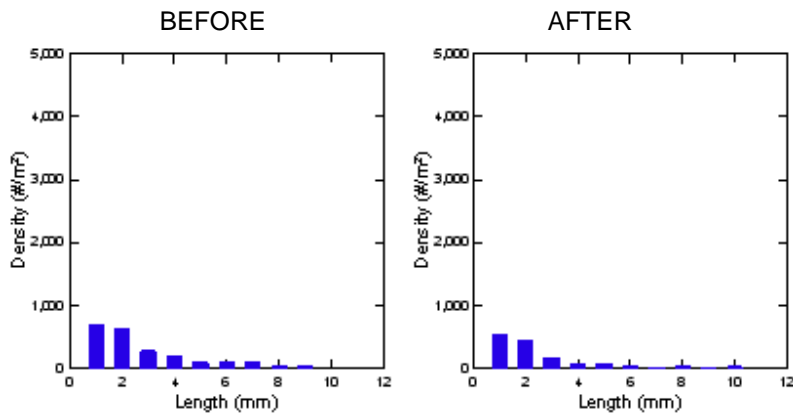
Figure 5.2-216. Comparison of Length Distribution for *Serratella micheneri* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



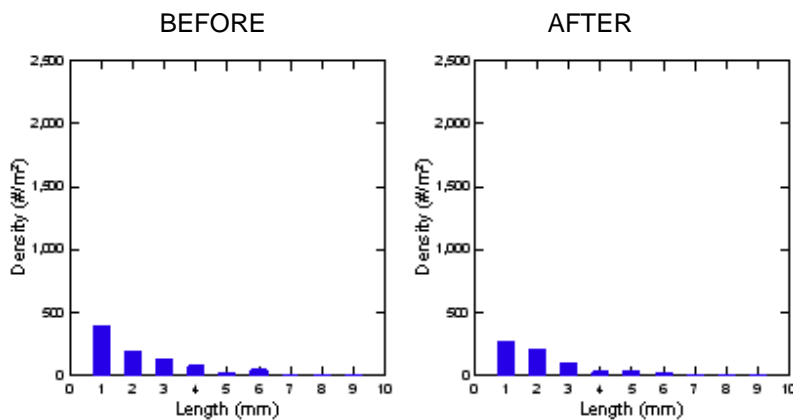
P=0.07

2008 Cresta Length Distributions



P=0.28

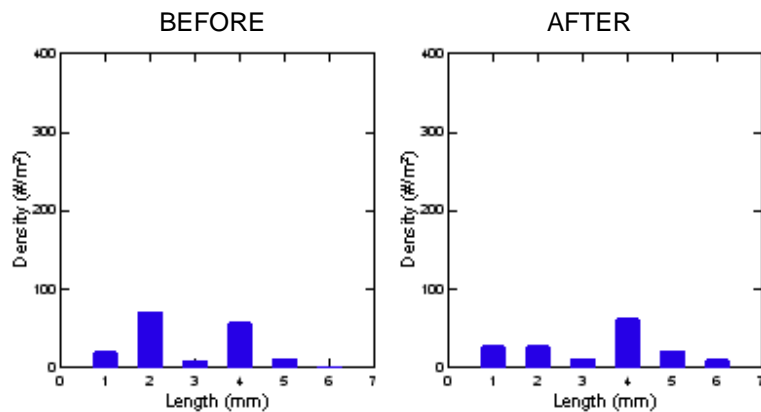
2008 UNF Length Distributions



P=0.84

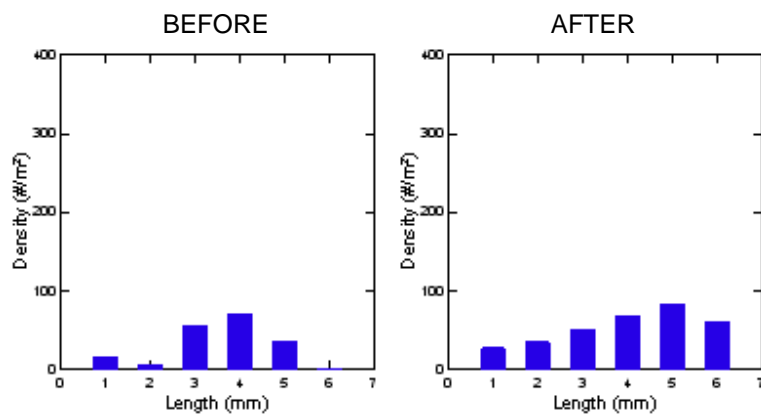
Figure 5.2-217. Comparison of Length Distribution for *Simulium* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



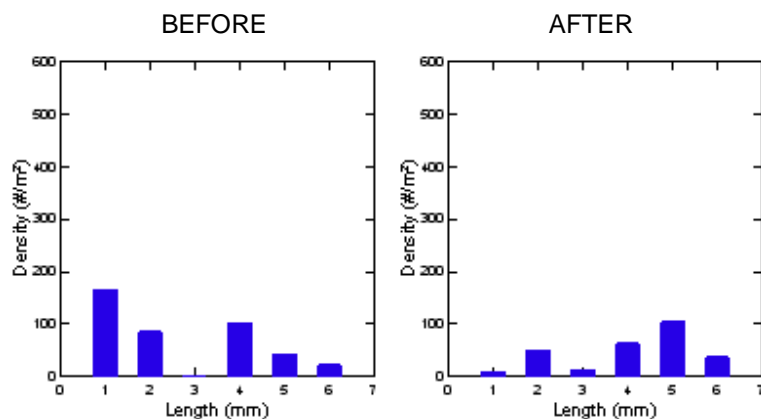
P=1.00

2008 Cresta Length Distributions



P=0.09

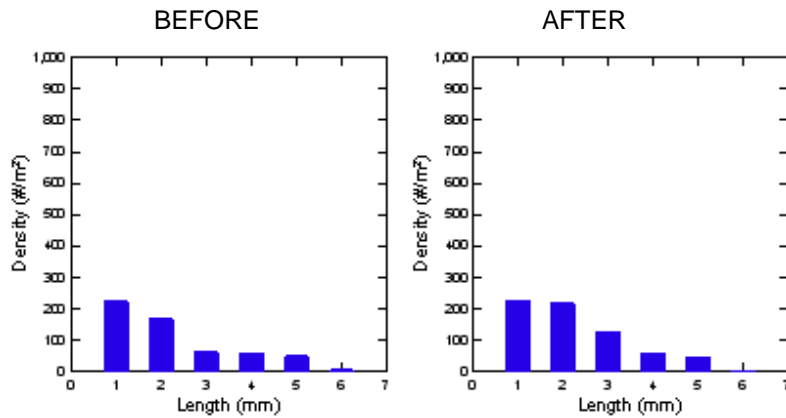
2008 UNF Length Distributions



P=0.10

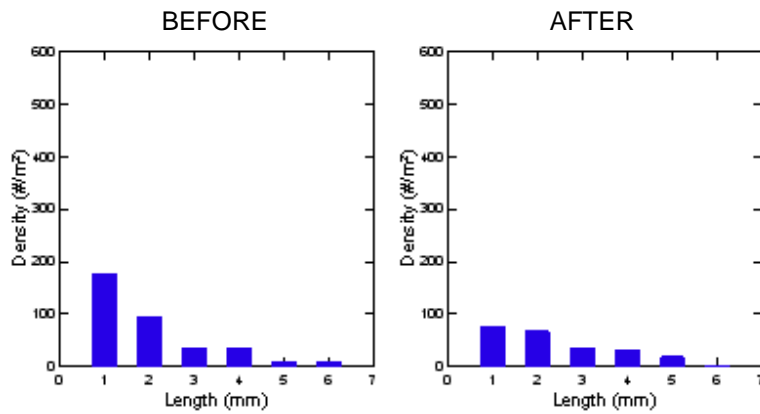
Figure 5.2-218. Comparison of Length Distribution for *Zaitzevia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, Late August, 2008.

2008 Rock Creek Length Distributions



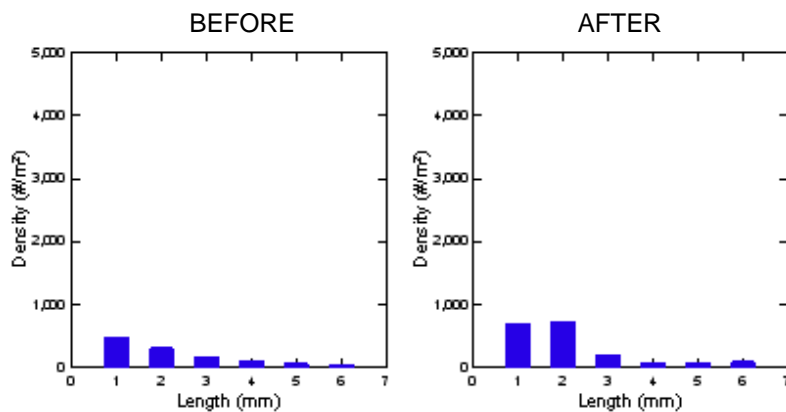
P=0.77

2008 Cresta Length Distributions



P=0.45

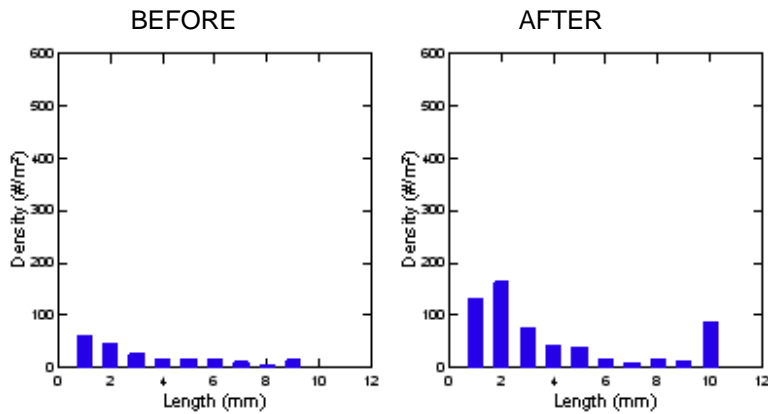
2008 UNF Length Distributions



P=0.86

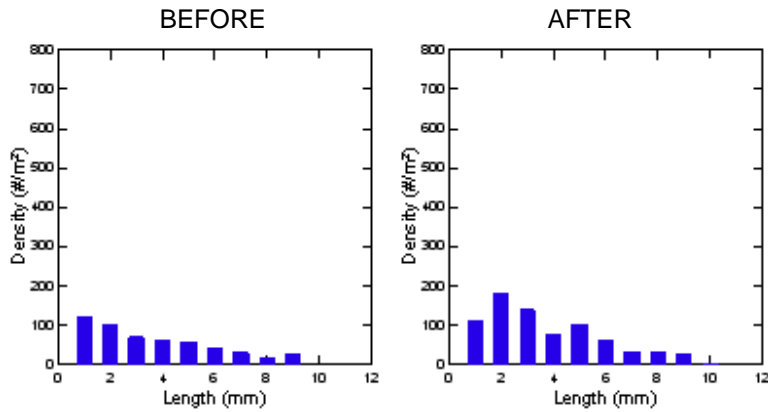
Figure 5.2-219. Comparison of Length Distribution for *Acentrella* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



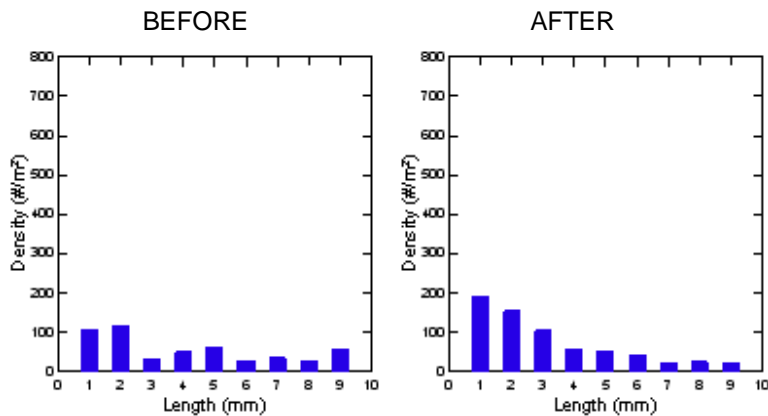
P=0.01

2008 Cresta Length Distributions



P=0.43

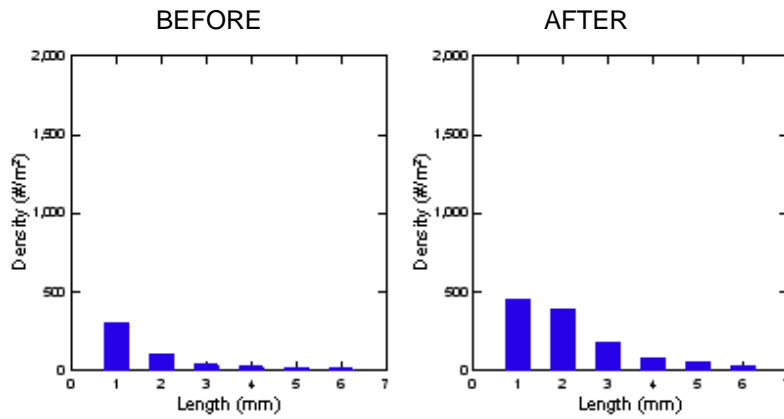
2008 UNF Length Distributions



P=0.83

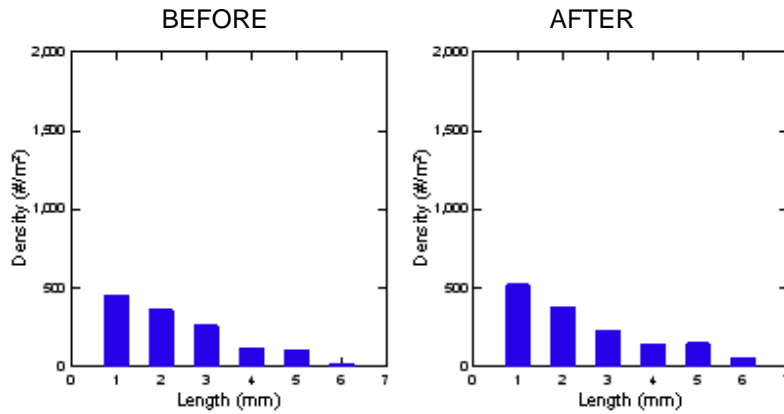
Figure 5.2-220. Comparison of Length Distribution for *Antocha* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



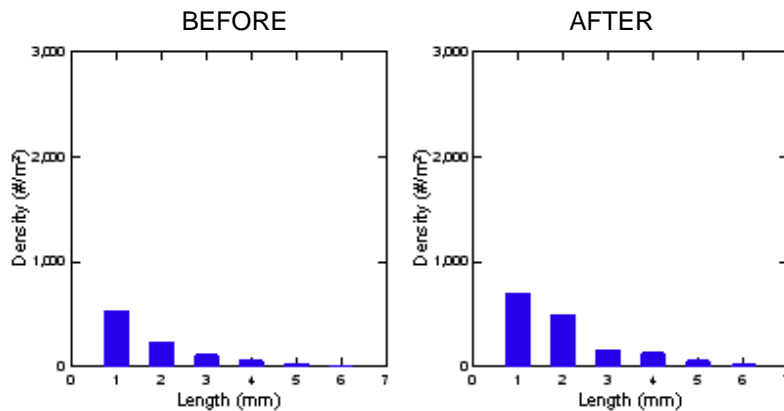
P=0.10

2008 Cresta Length Distributions



P=0.86

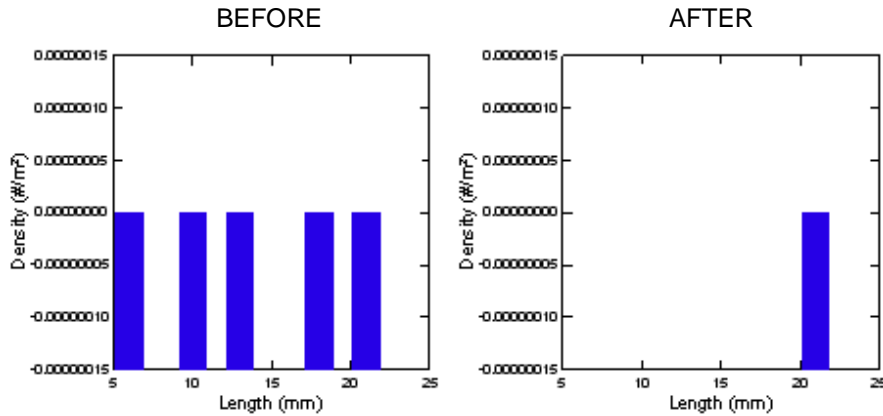
2008 UNF Length Distributions



P=0.88

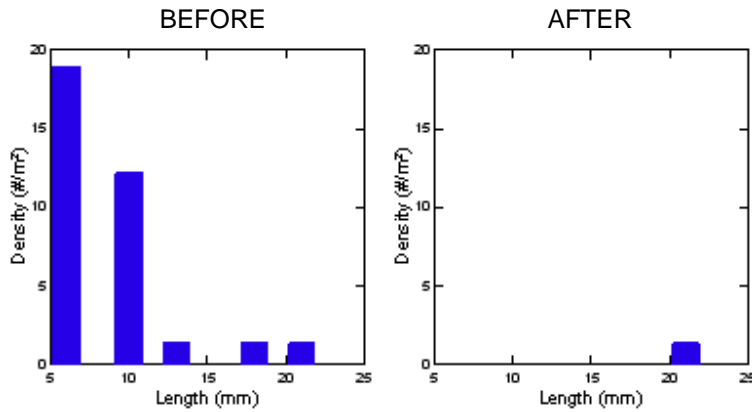
Figure 5.2-221. Comparison of Length Distribution for *Baetis tricaudatus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



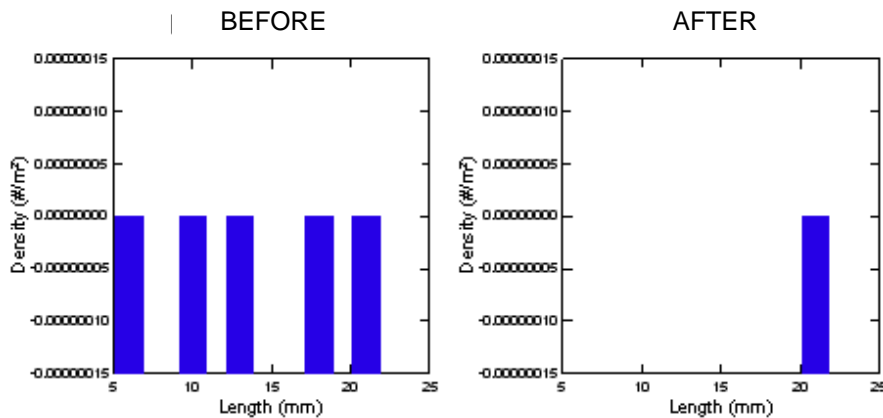
P=0.001

2008 Cresta Length Distributions



P=0.001

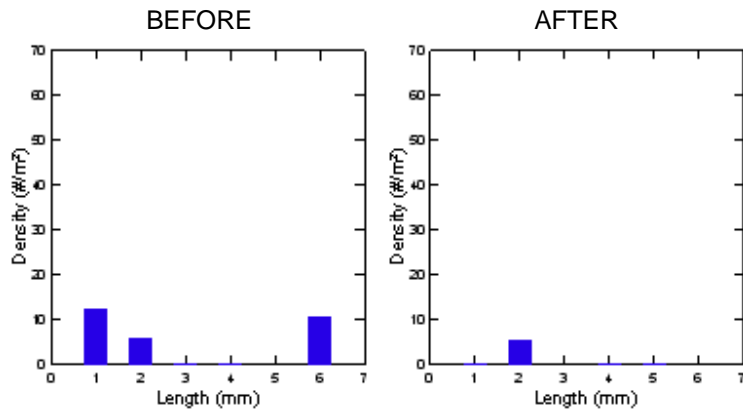
2008 UNF Length Distributions



P=0.001

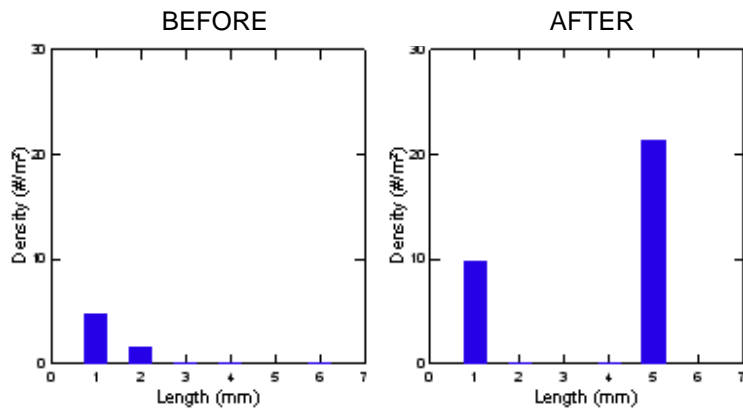
Figure 5.2-222. Comparison of Length Distribution for *Calineuria californica* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



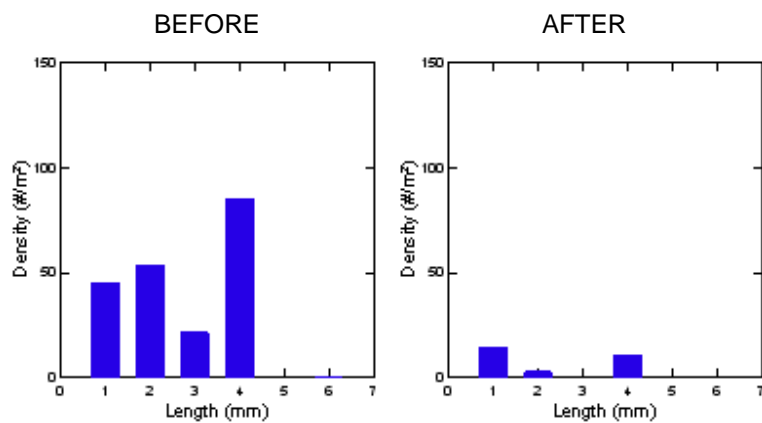
P=0.94

2008 Cresta Length Distributions



P=0.85

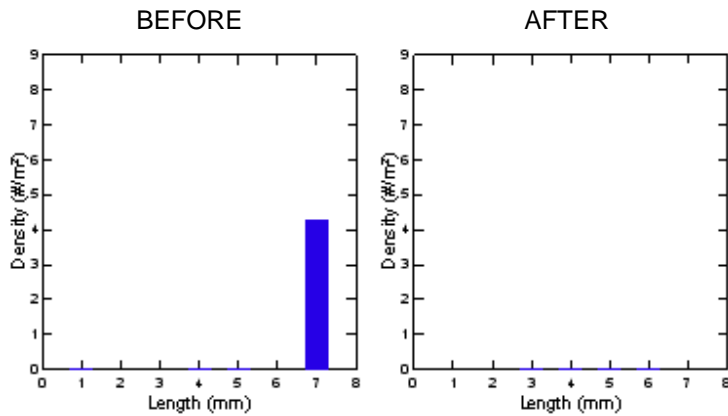
2008 UNF Length Distributions



P=0.09

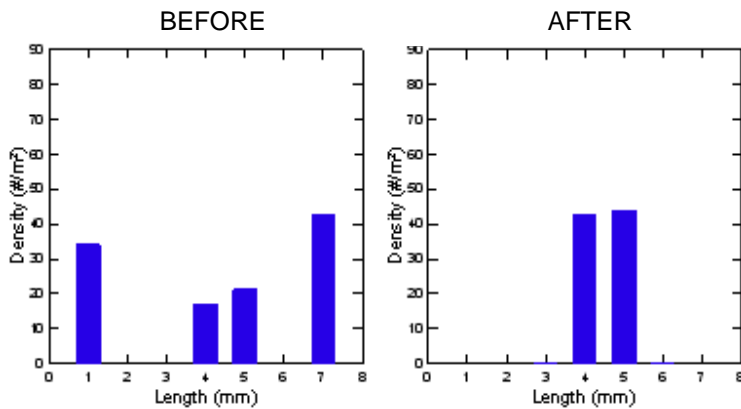
Figure 5.2-223. Comparison of Length Distribution for *Camelobaetidius* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



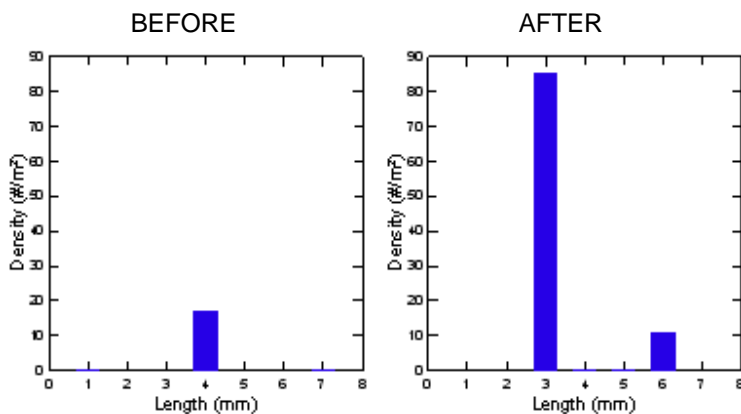
P=0.07

2008 Cresta Length Distributions



P=0.58

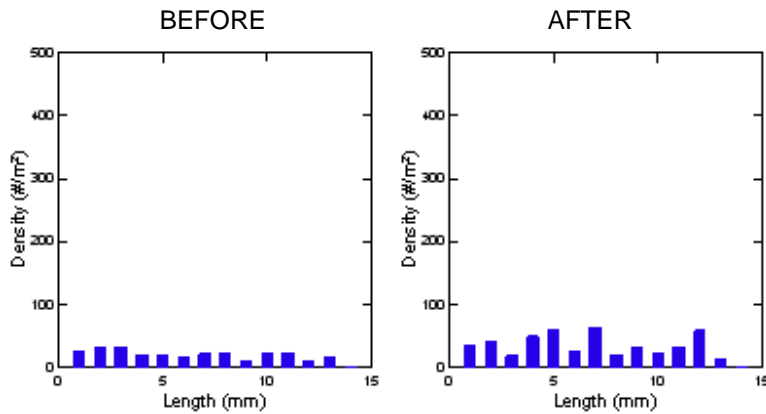
2008 UNF Length Distributions



P=1.00

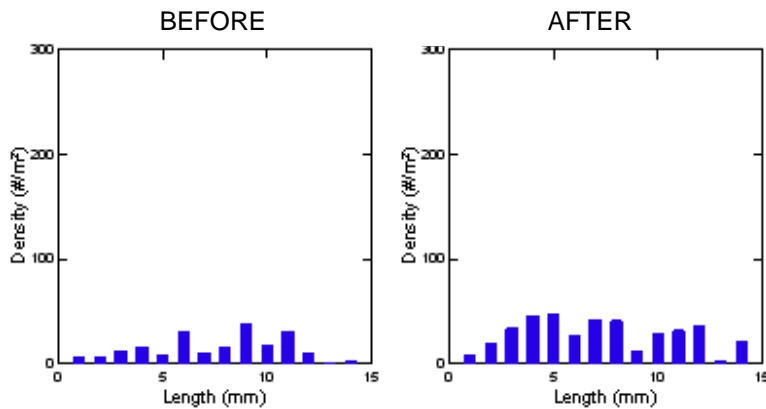
Figure 5.2-224. Comparison of Length Distribution for *Ceraclea* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



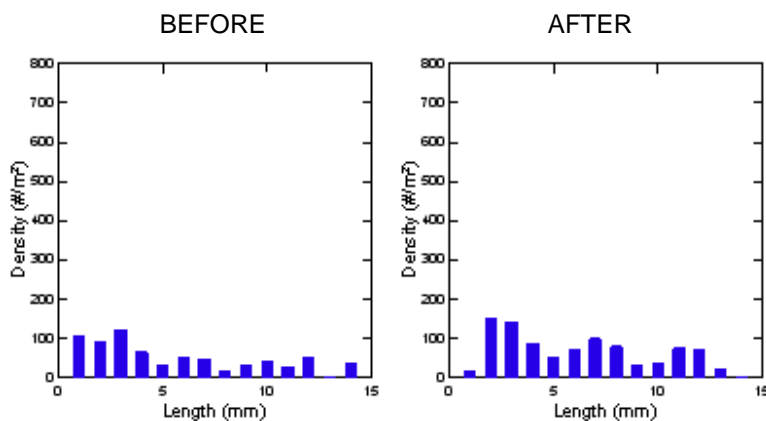
P=0.34

2008 Cresta Length Distributions



P=0.03

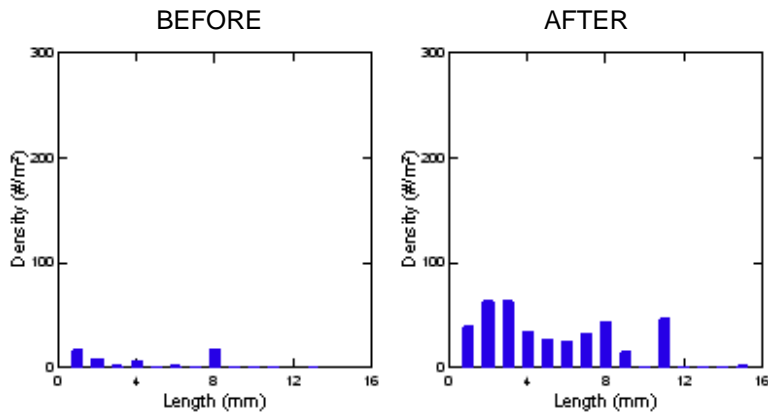
2008 UNF Length Distributions



P=0.11

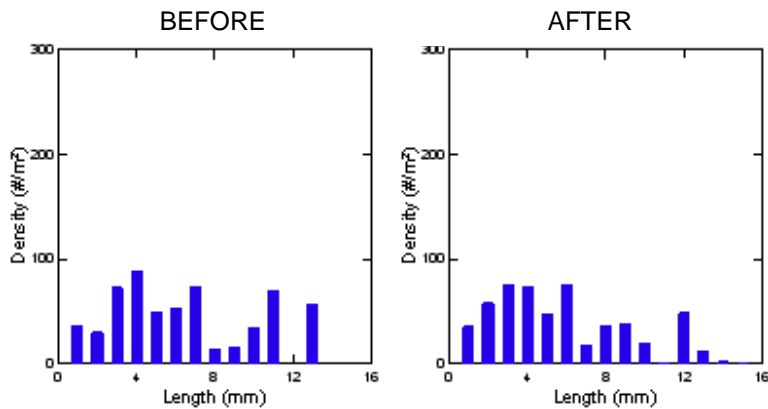
Figure 5.2-225. Comparison of Length Distribution for *Cheumatopsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



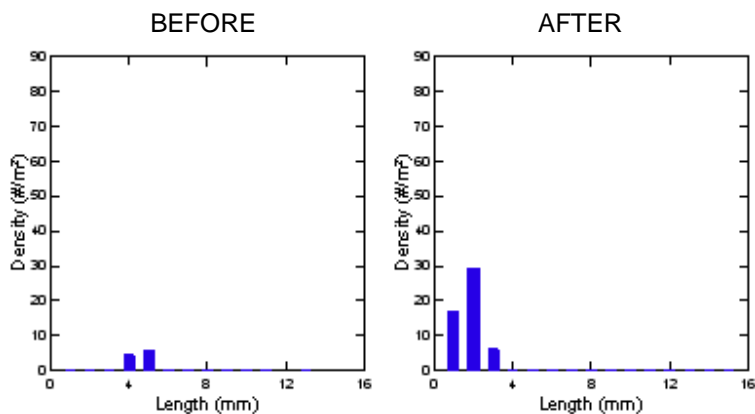
P=0.001

2008 Cresta Length Distributions



P=0.08

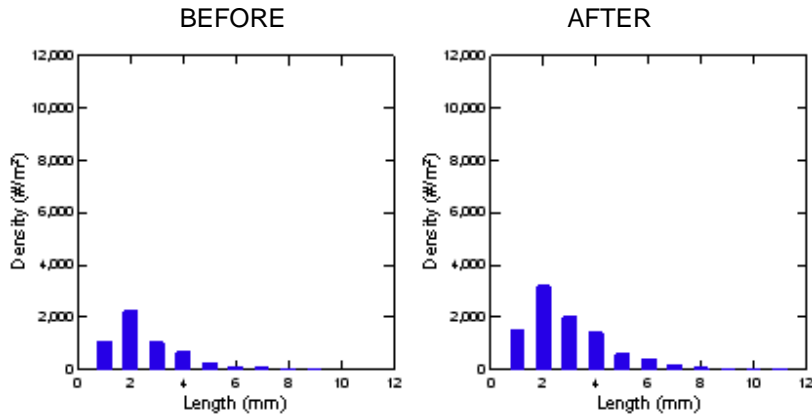
2008 UNF Length Distributions



P=1.00

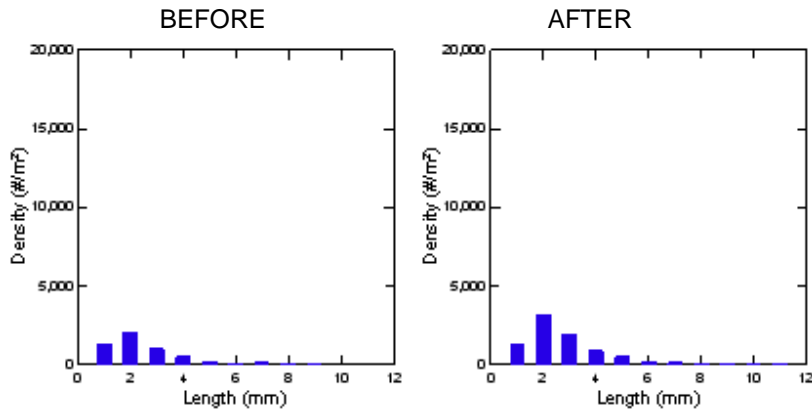
Figure 5.2-226. Comparison of Length Distribution for *Chimarra* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



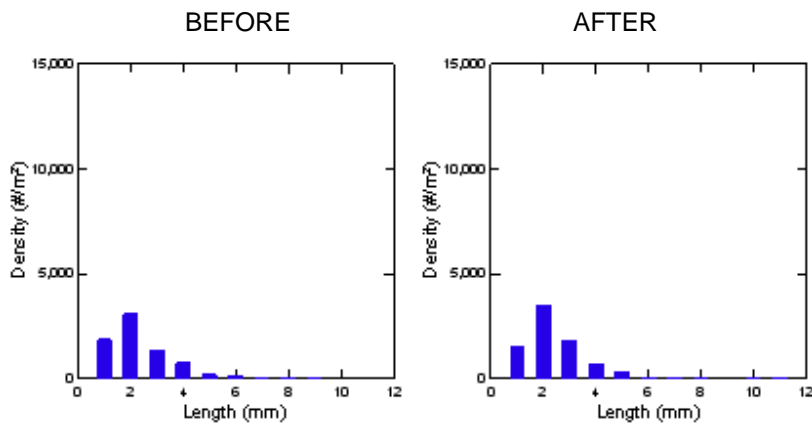
P=0.09

2008 Cresta Length Distributions



P=0.77

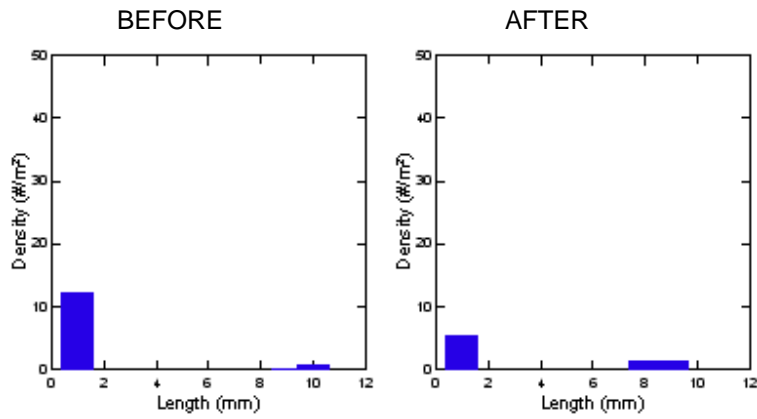
2008 UNF Length Distributions



P=0.44

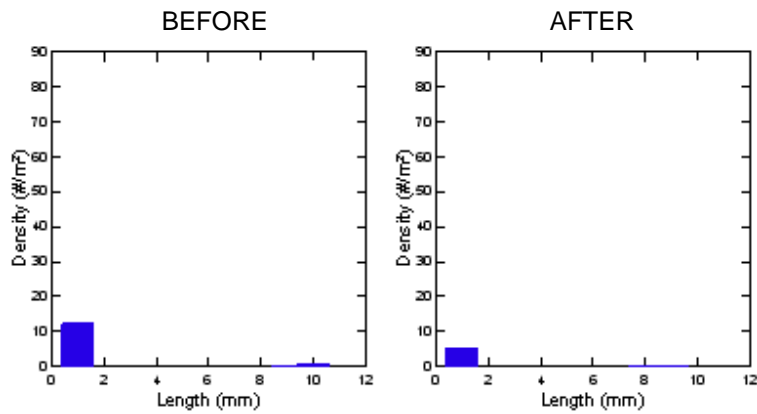
Figure 5.2-227. Comparison of Length Distribution for Chironomidae on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



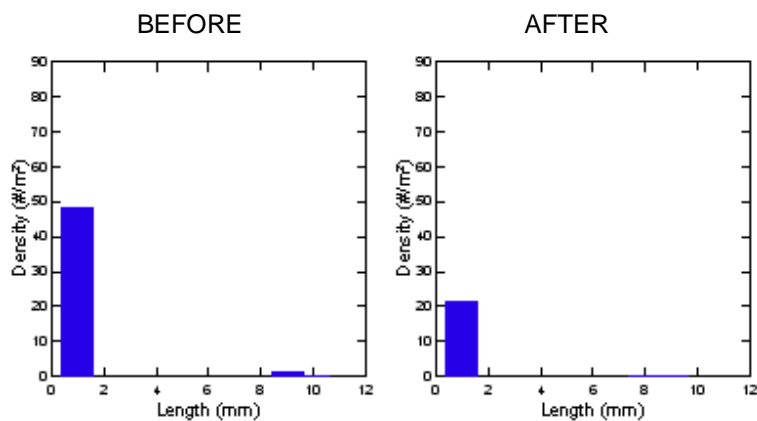
P=1.00

2008 Cresta Length Distributions



P=1.00

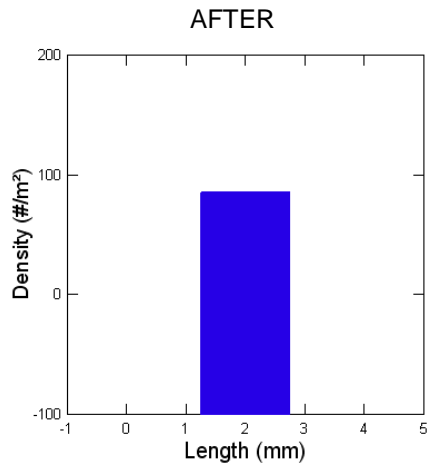
2008 UNF Length Distributions



P=0.60

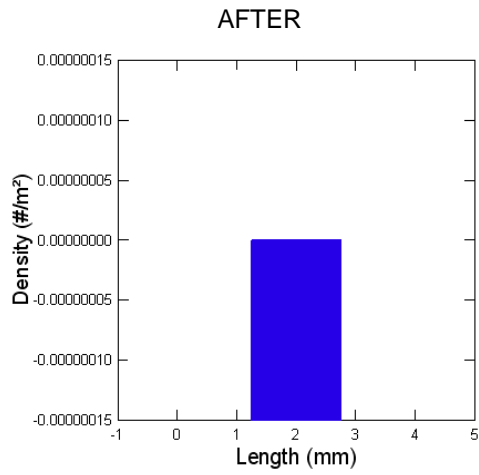
Figure 5.2-228. Comparison of Length Distribution for *Epeorus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



P=NA

2008 Cresta Length Distributions



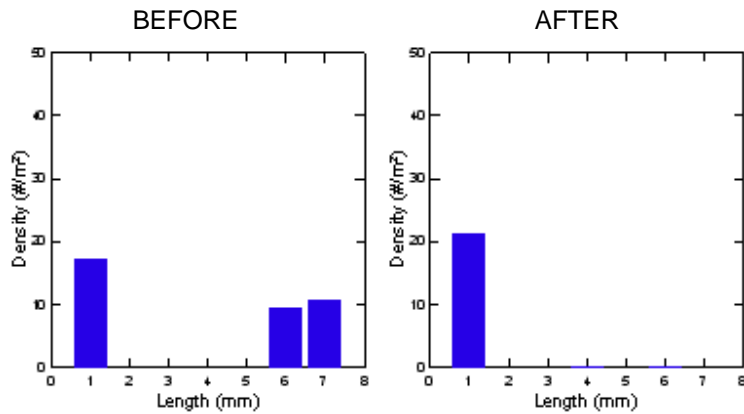
P=NA

Was not present in UNF

P=NA

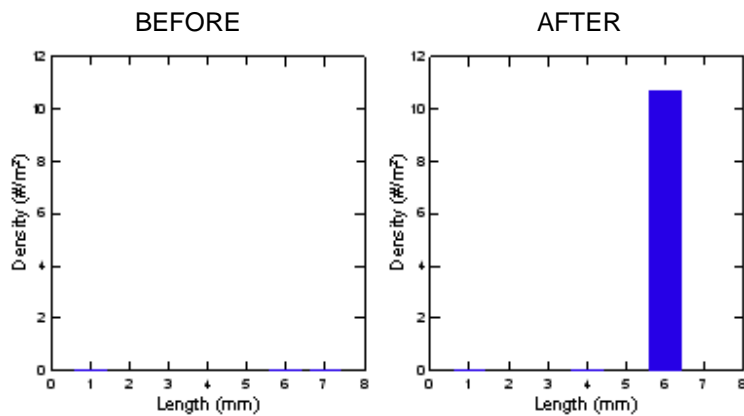
Figure 5.2-229. Comparison of Length Distribution for *Ephemerella excrucians* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



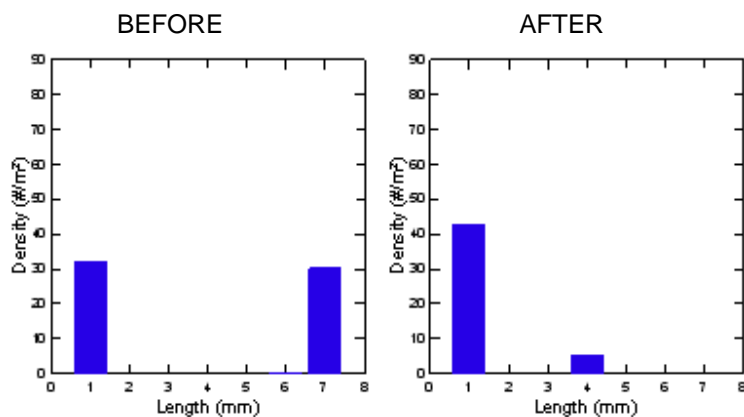
P=1.00

2008 Cresta Length Distributions



P=0.50

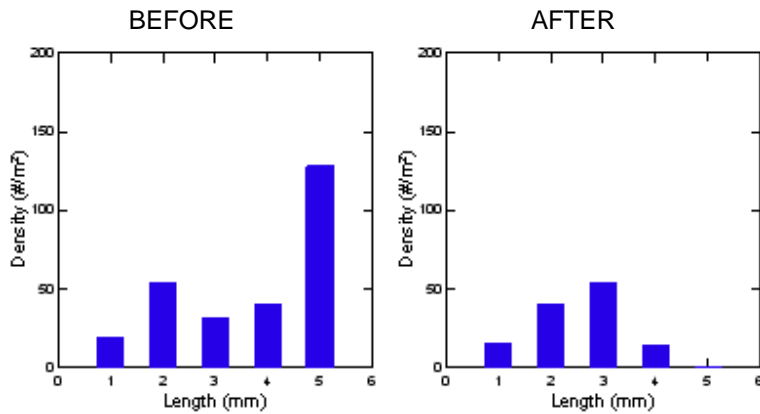
2008 UNF Length Distributions



P=1.00

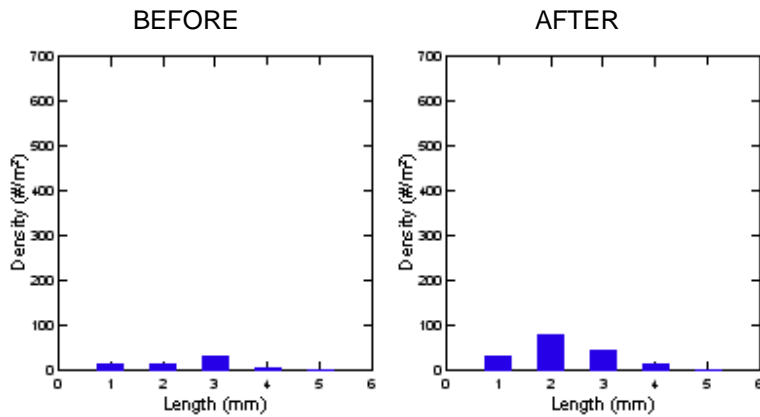
Figure 5.2-230. Comparison of Length Distribution for *Glossosoma* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



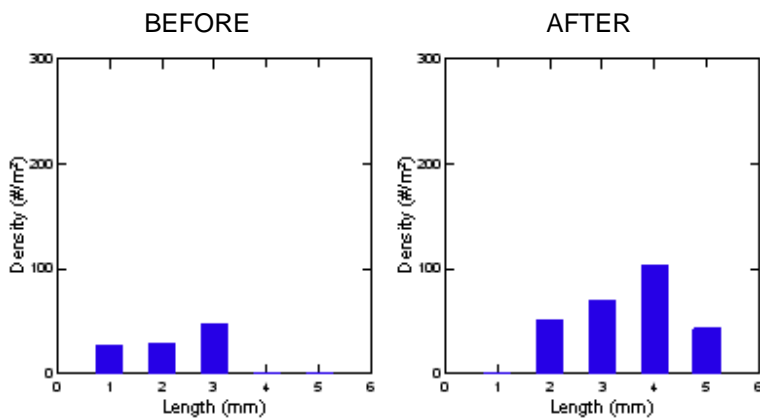
P=0.90

2008 Cresta Length Distributions



P=0.62

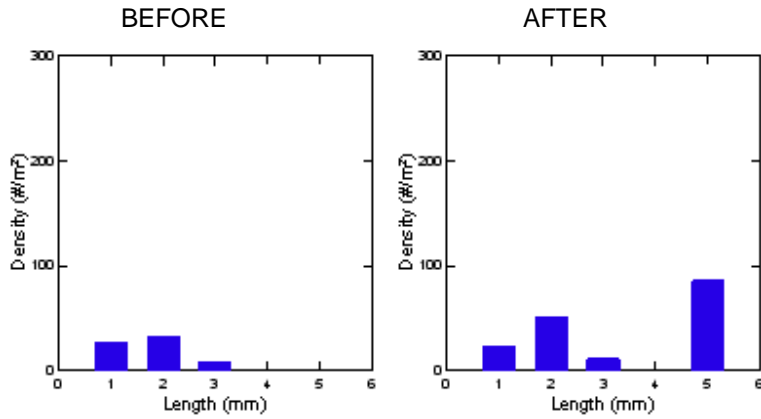
2008 UNF Length Distributions



P=0.26

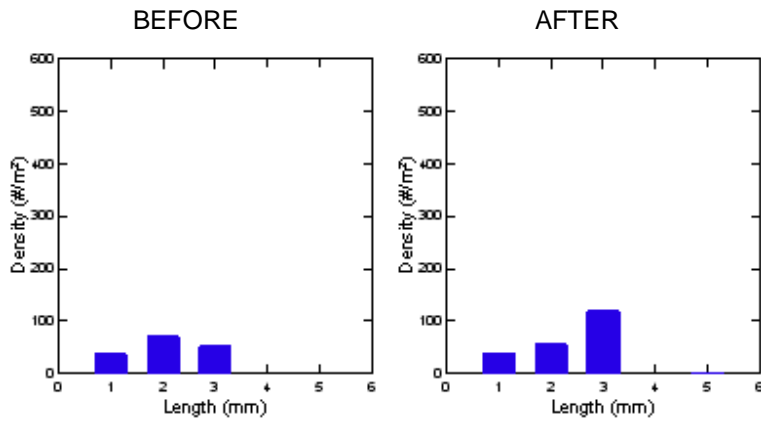
Figure 5.2-231. Comparison of Length Distribution for *Hemerodromia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



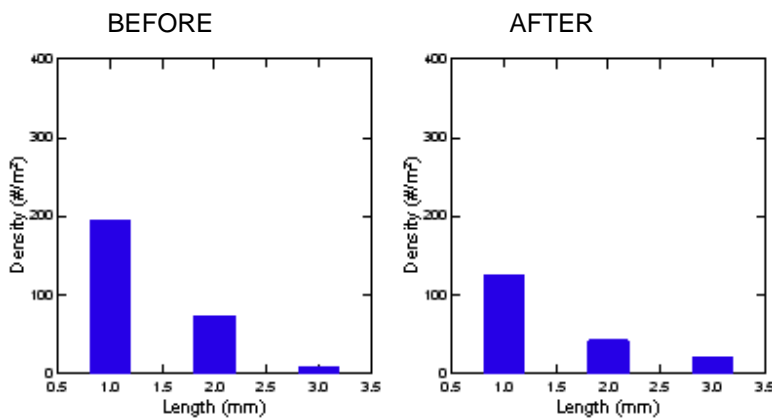
P=1.00

2008 Cresta Length Distributions



P=0.98

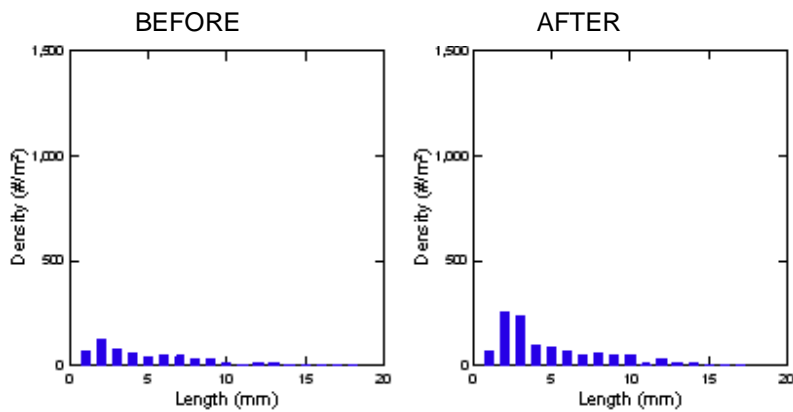
2008 UNF Length Distributions



P=0.32

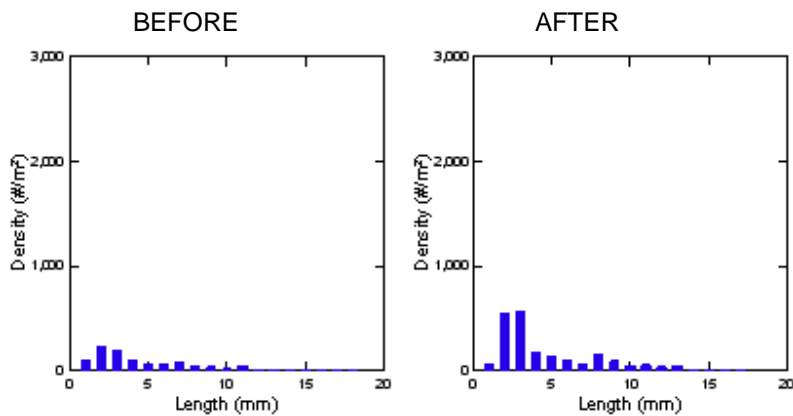
Figure 5.2-232. Comparison of Length Distribution for *Homoleptohyphes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



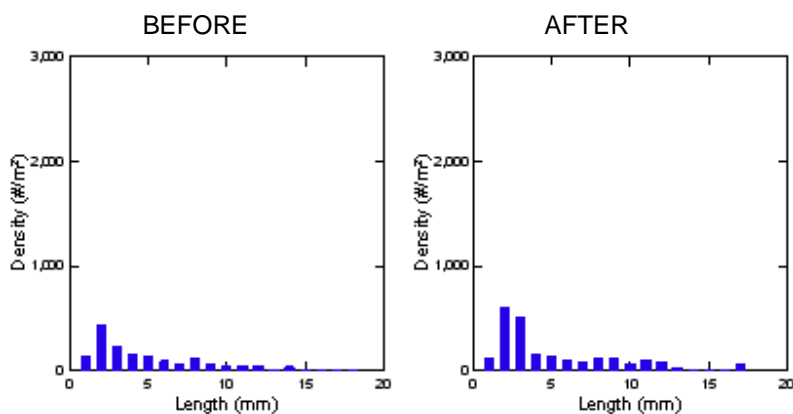
P=0.06

2008 Cresta Length Distributions



P=0.08

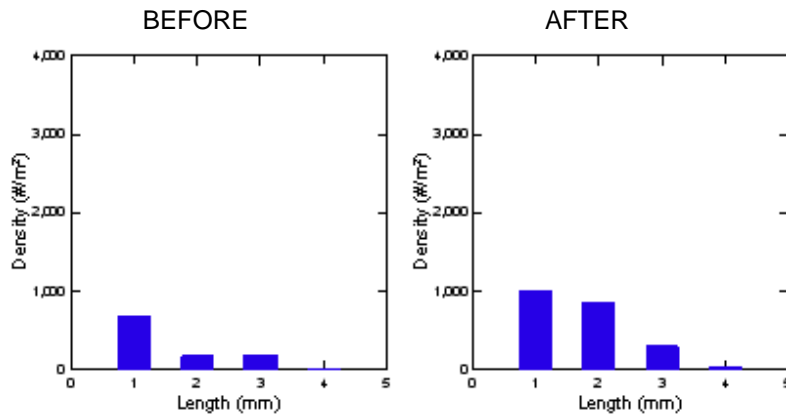
2008 UNF Length Distributions



P=0.58

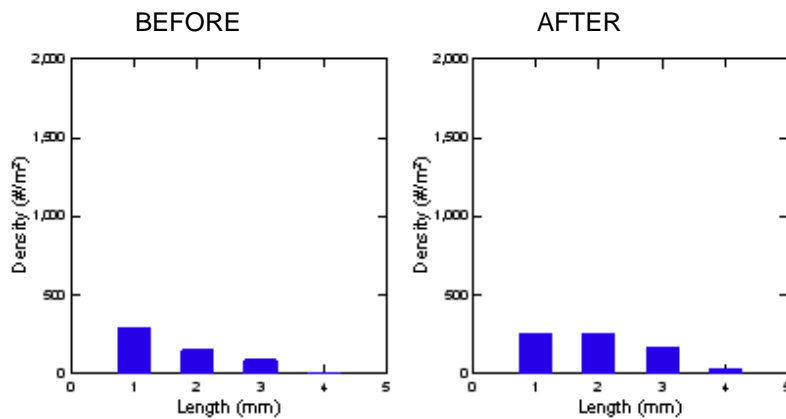
Figure 5.2-233. Comparison of Length Distribution for *Hydropsyche* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



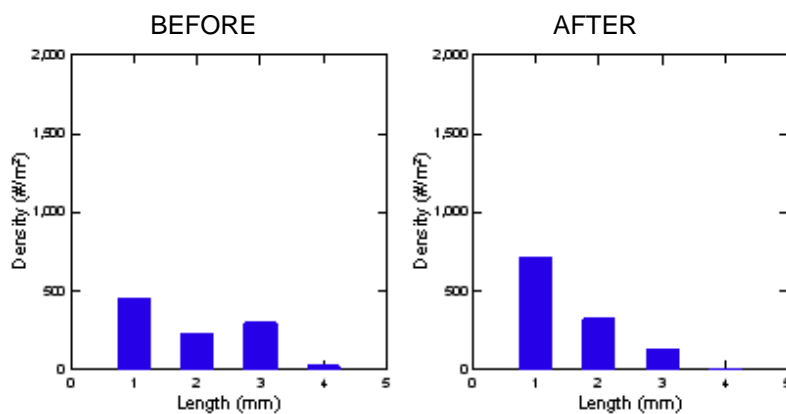
P=0.03

2008 Cresta Length Distributions



P=0.98

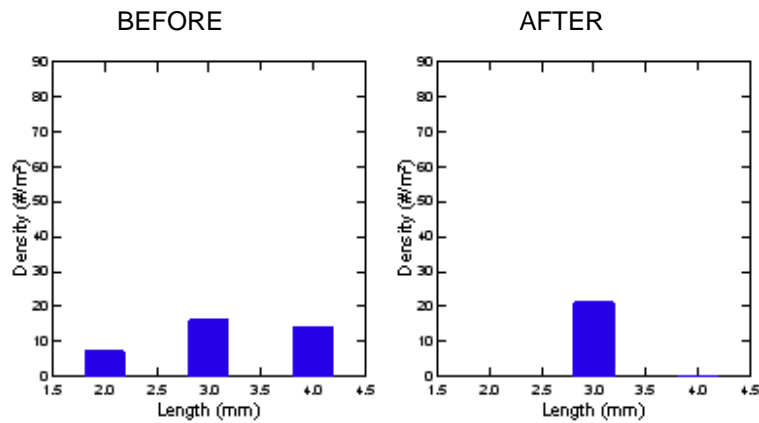
2008 UNF Length Distributions



P=0.92

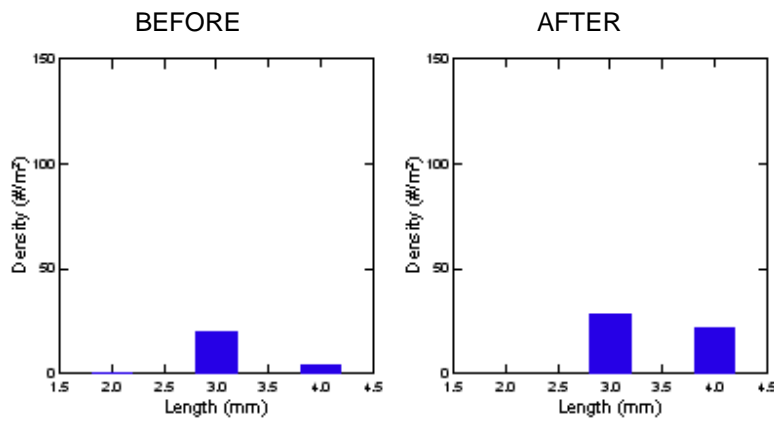
Figure 5.2-234. Comparison of Length Distribution for *Hydroptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



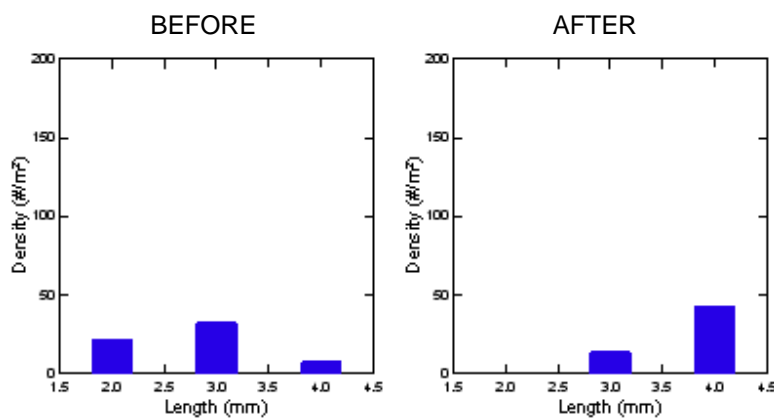
P=1.00

2008 Cresta Length Distributions



P=0.29

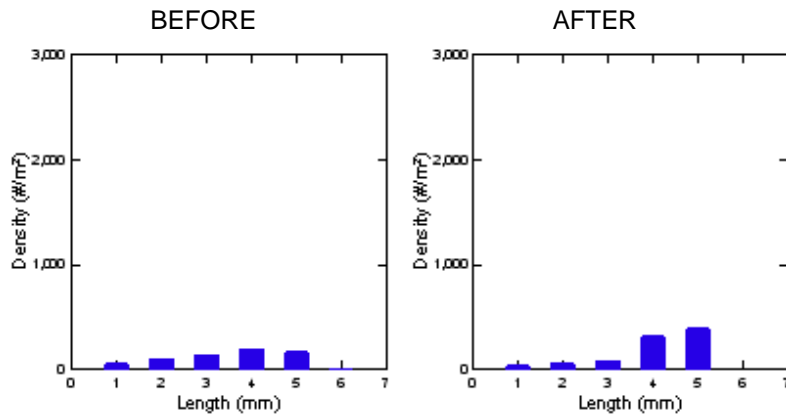
2008 UNF Length Distributions



P=0.98

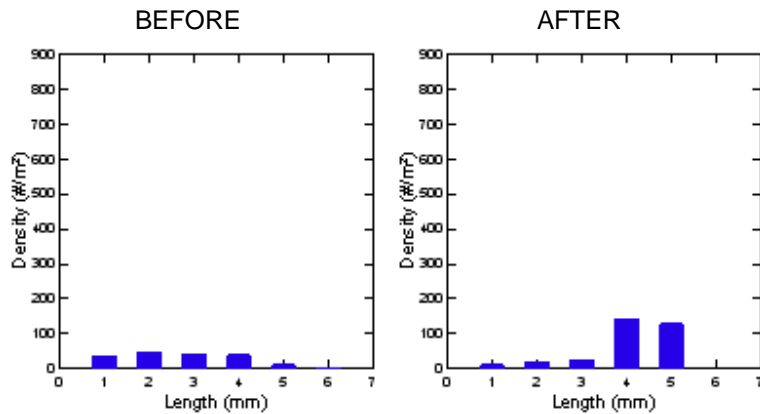
Figure 5.2-235. Comparison of Length Distribution for *Isoperla* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



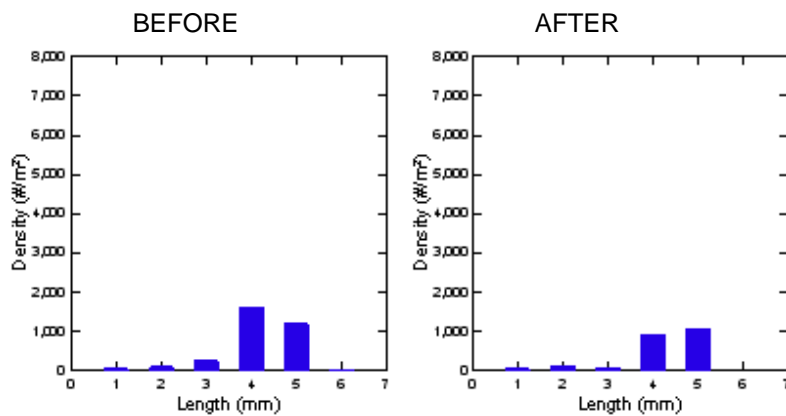
P=0.43

2008 Cresta Length Distributions



P=0.57

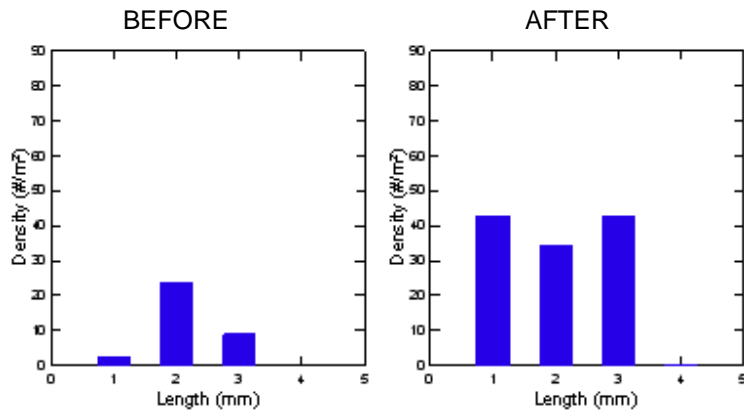
2008 UNF Length Distributions



P=0.61

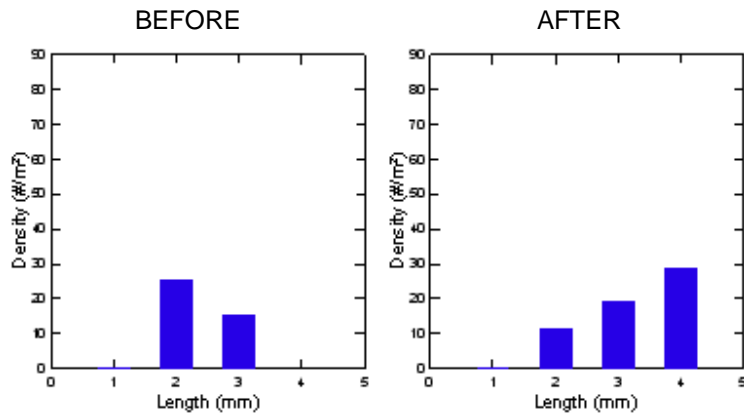
Figure 5.2-236. Comparison of Length Distribution for *Leucotrichia pictipes* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



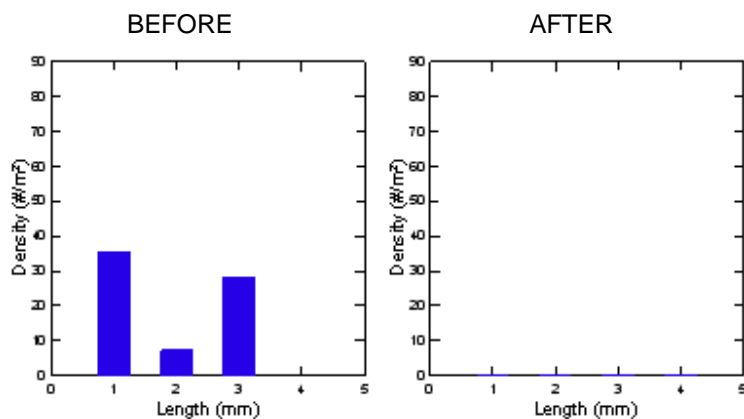
P=0.03

2008 Cresta Length Distributions



P=0.99

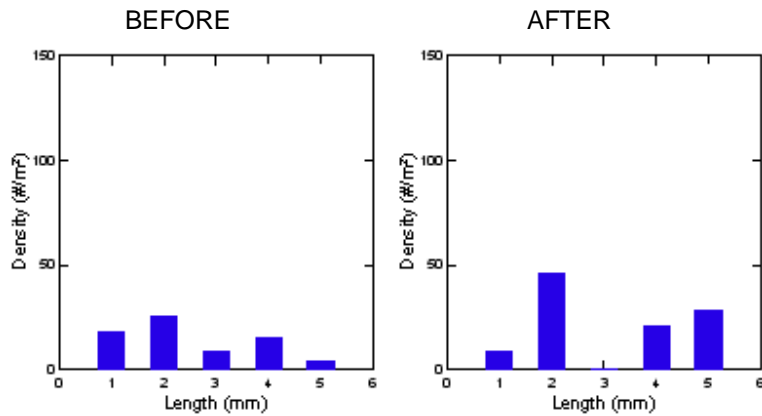
2008 UNF Length Distributions



P=0.10

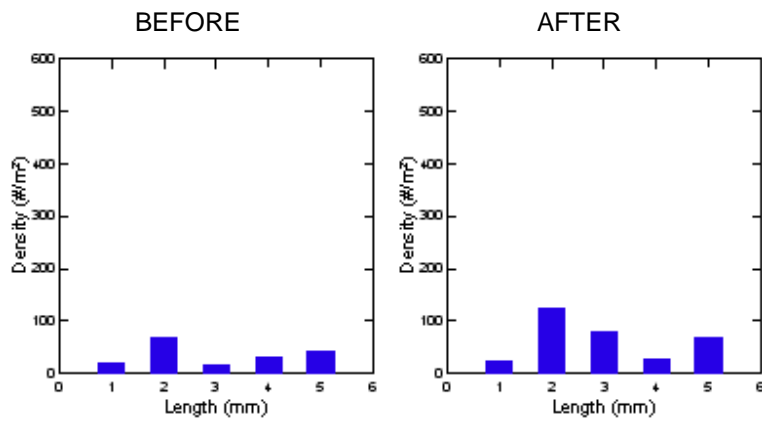
Figure 5.2-237. Comparison of Length Distribution for *Ochrotrichia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



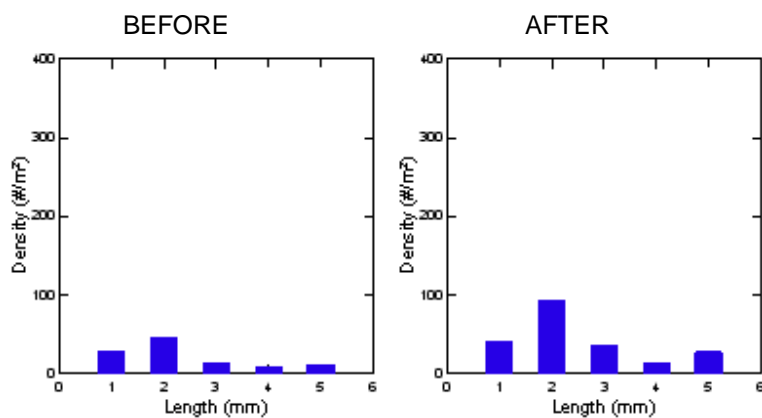
P=0.27

2008 Cresta Length Distributions



P=0.53

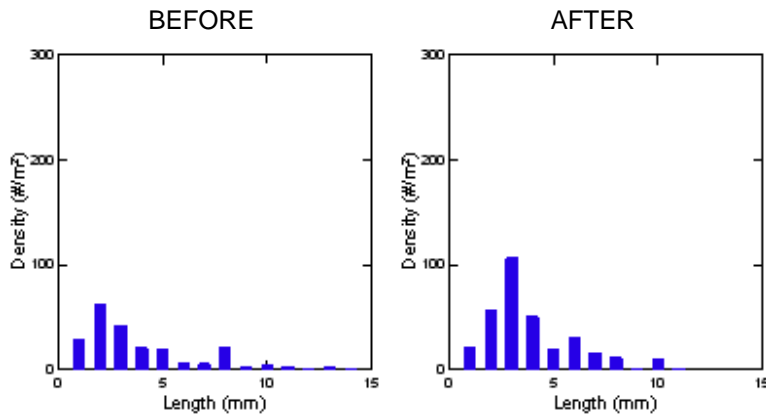
2008 UNF Length Distributions



P=0.46

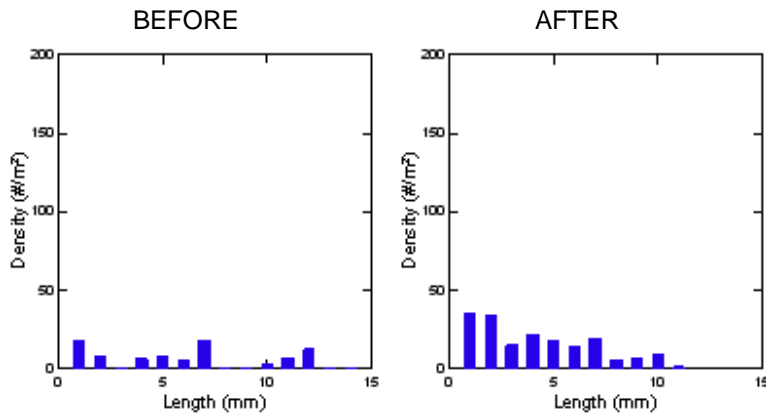
Figure 5.2-238. Comparison of Length Distribution for *Optioservus* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



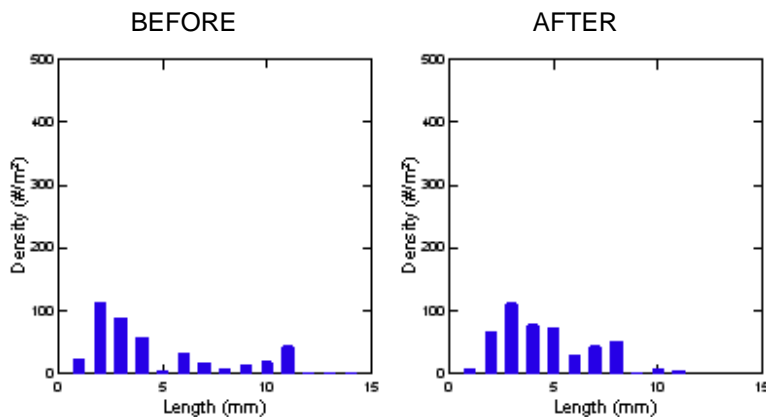
P=0.07

2008 Cresta Length Distributions



P=0.001

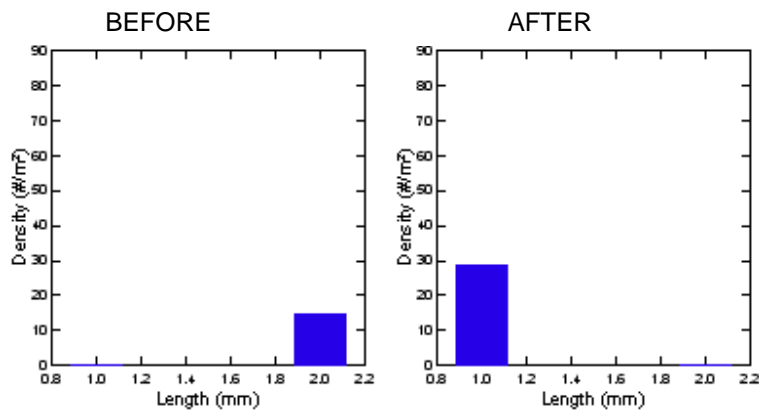
2008 UNF Length Distributions



P=0.11

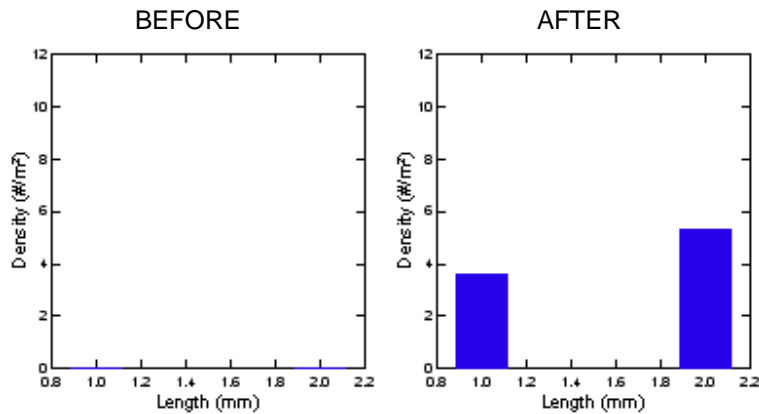
Figure 5.2-239. Comparison of Length Distribution for *Petrophila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



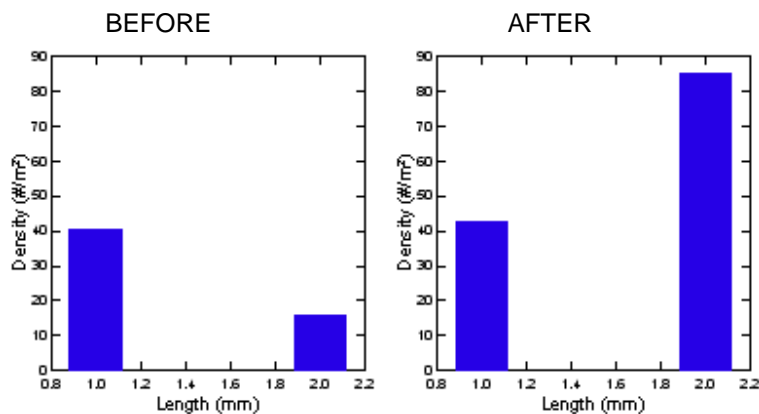
P=1.00

2008 Cresta Length Distributions



P=0.60

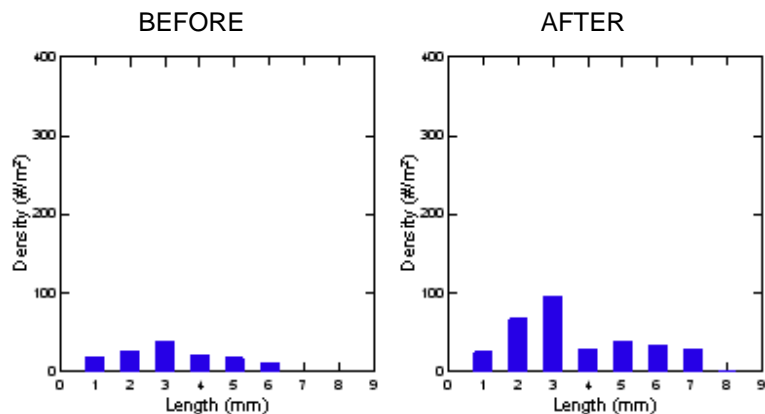
2008 UNF Length Distributions



P=0.25

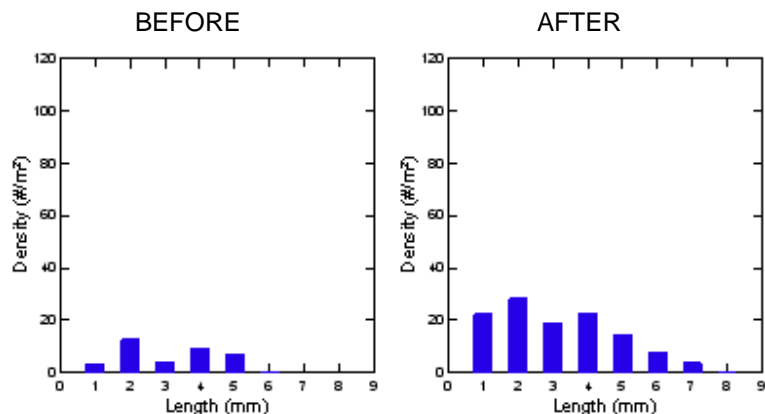
Figure 5.2-240. Comparison of Length Distribution for *Protoptila* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



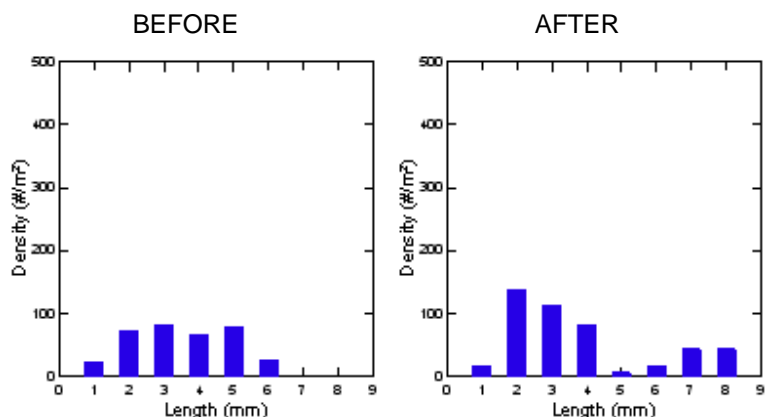
P=.024

2008 Cresta Length Distributions



P=0.08

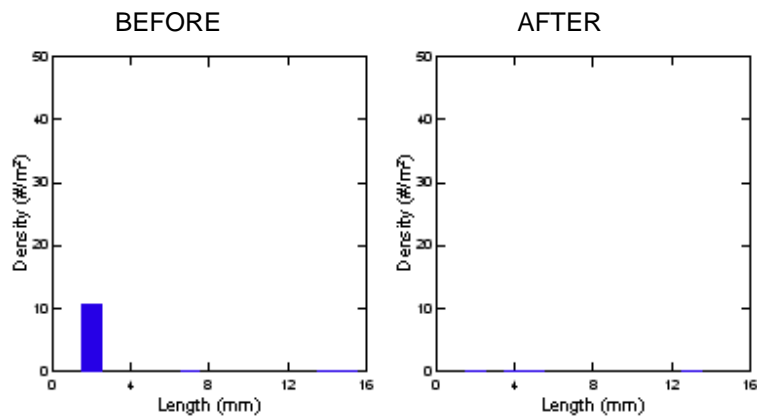
2008 UNF Length Distributions



P=0.59

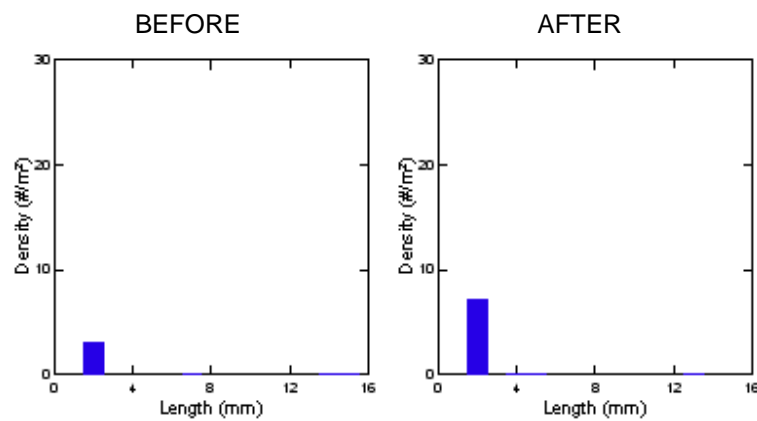
Figure 5.2-241. Comparison of Length Distribution for *Psychomyia* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



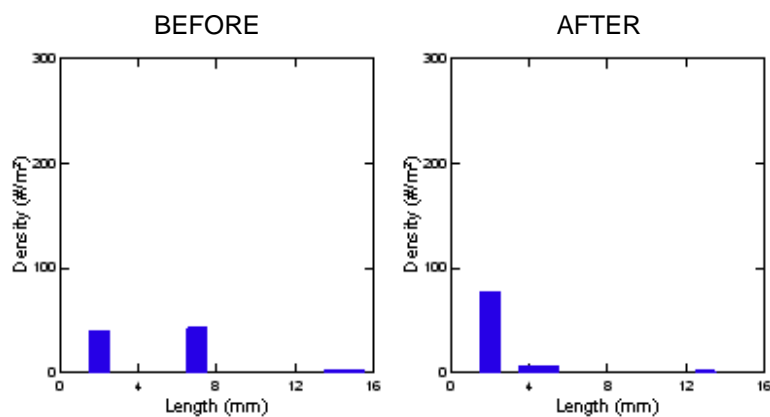
P=1.00

2008 Cresta Length Distributions



P=1.00

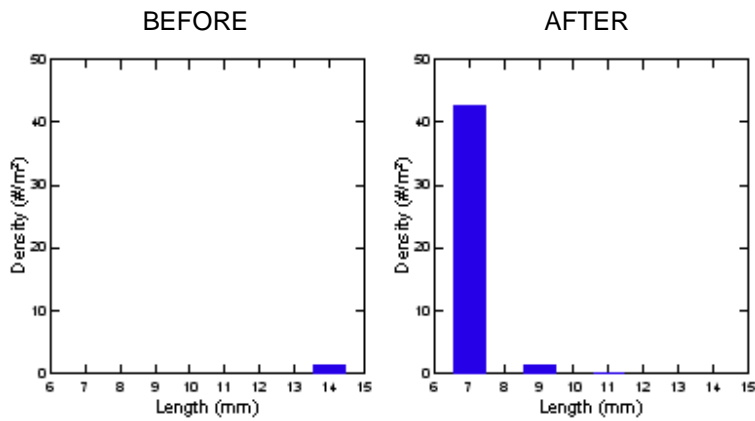
2008 UNF Length Distributions



P=0.92

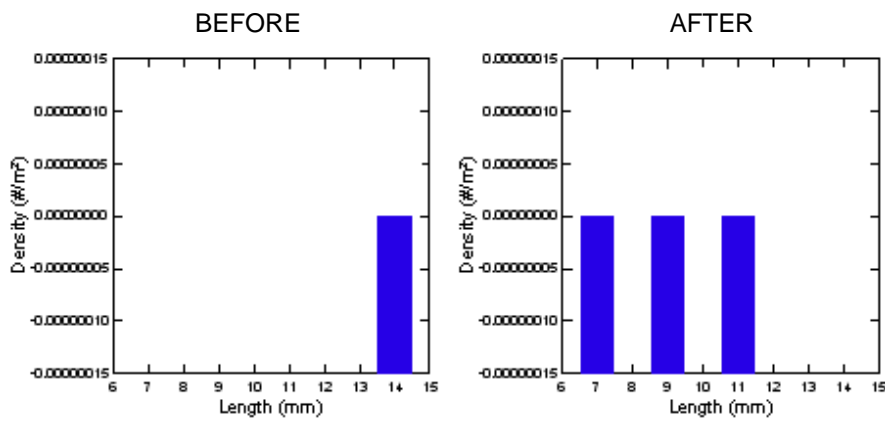
Figure 5.2-242. Comparison of Length Distribution for *Rhyacophila coloradensis* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



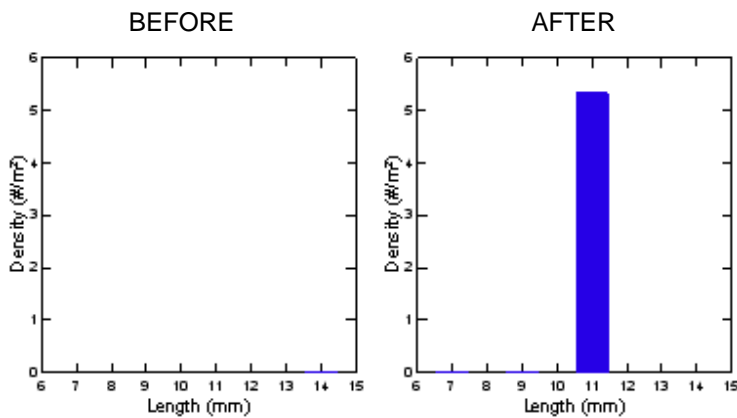
P=0.001

2008 Cresta Length Distributions



P=0.001

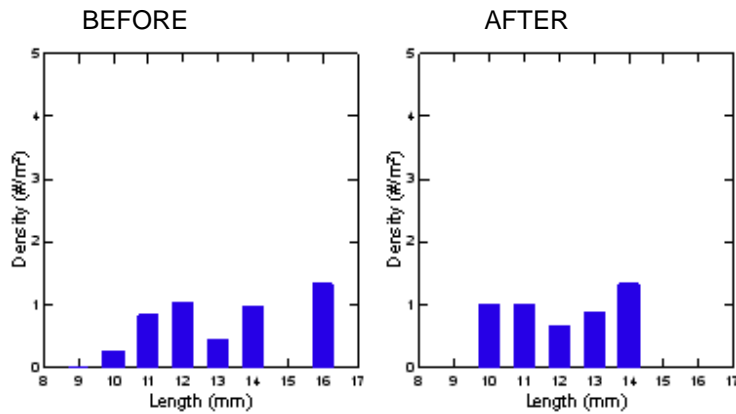
2008 UNF Length Distributions



P=0.001

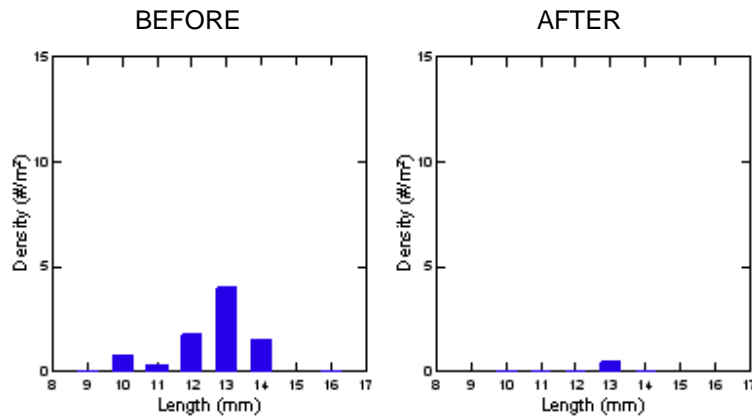
Figure 5.2-243. Comparison of Length Distribution for *Rhyacophila hyalinta* Group on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



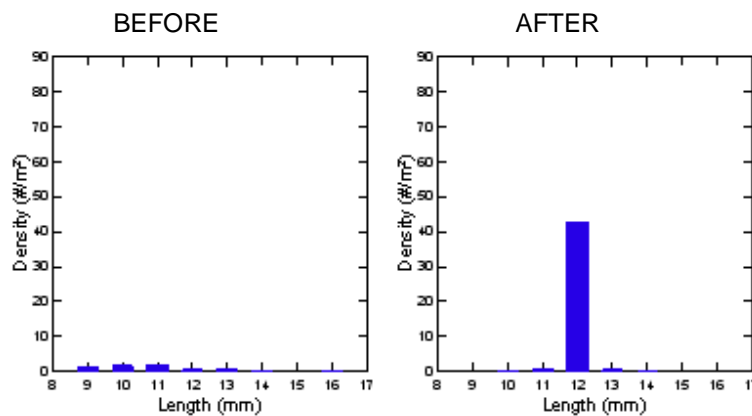
P=0.41

2008 Cresta Length Distributions



P=0.07

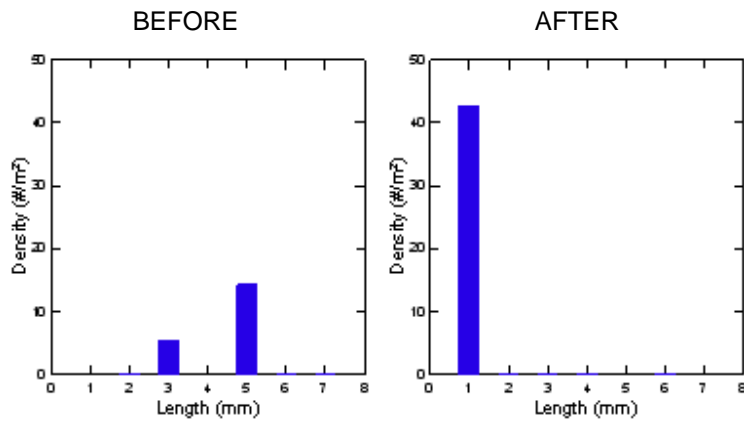
2008 UNF Length Distributions



P=1.00

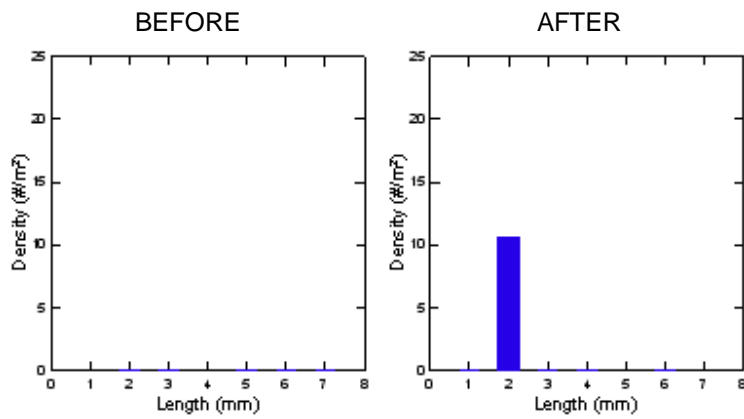
Figure 5.2-244. Comparison of Length Distribution for *Rhyacophila malkini* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



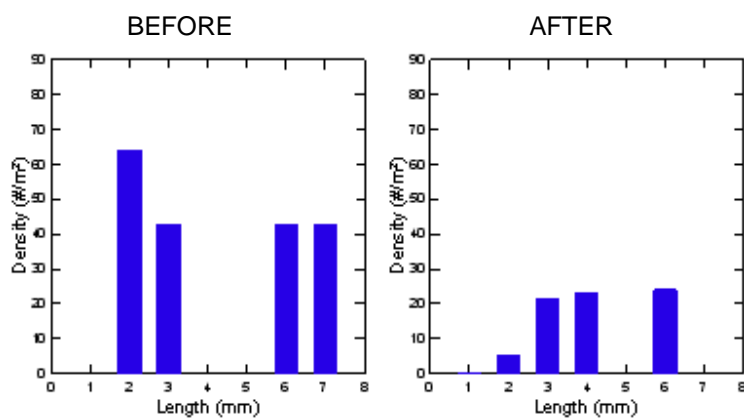
P=1.00

2008 Cresta Length Distributions



P=1.00

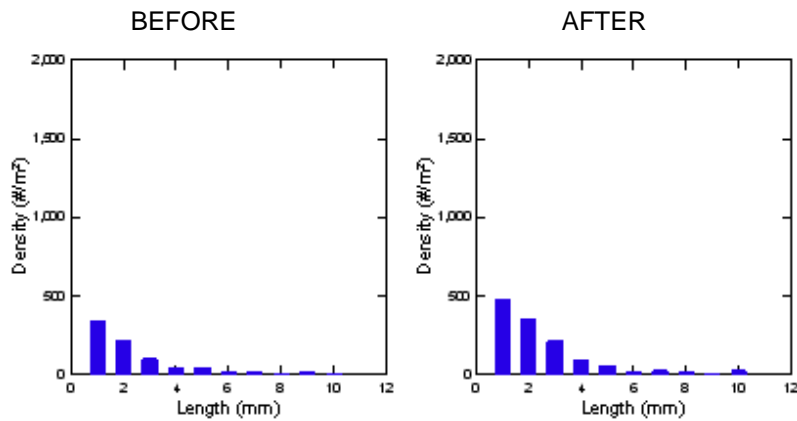
2008 UNF Length Distributions



P=0.17

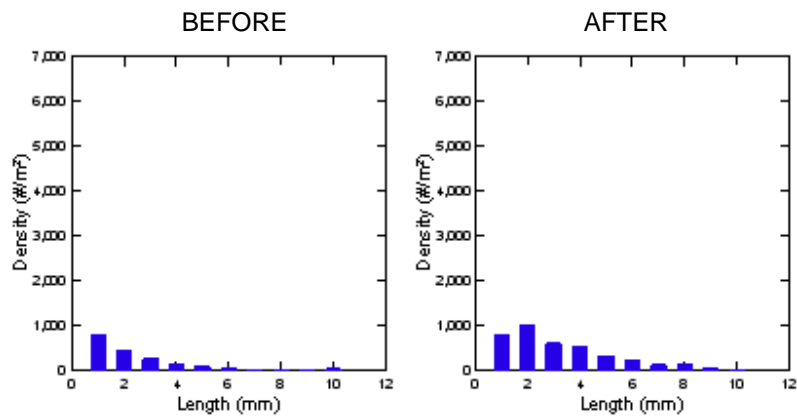
Figure 5.2-245. Comparison of Length Distribution for *Serratella micheneri* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



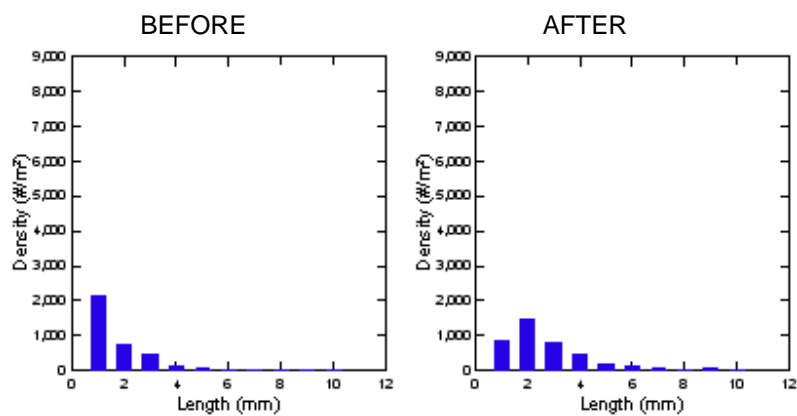
P=0.73

2008 Cresta Length Distributions



P=0.39

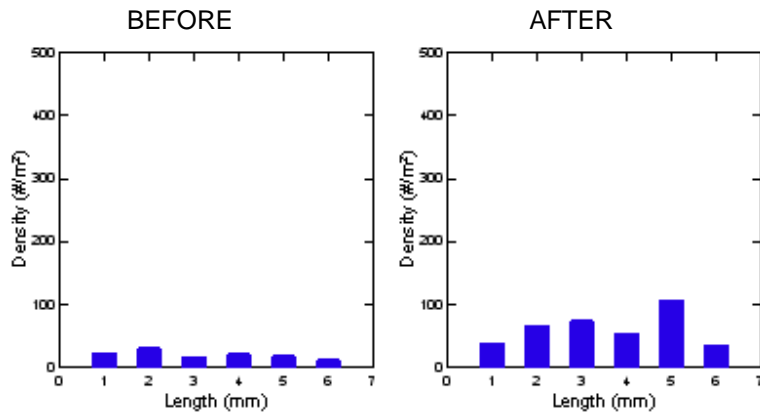
2008 UNF Length Distributions



P=1.00

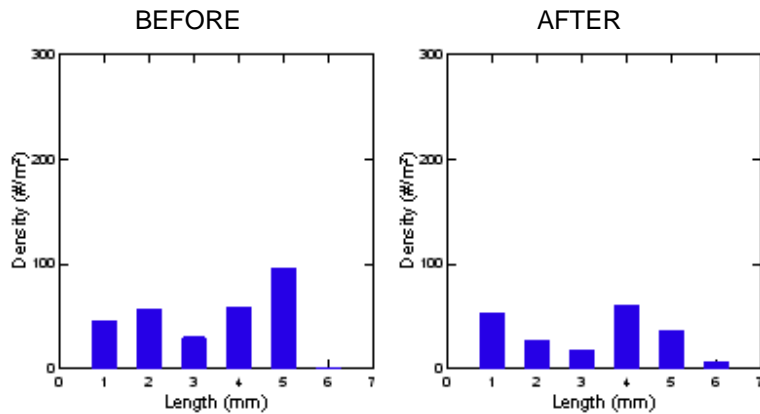
Figure 5.2-246. Comparison of Length Distribution for *Simulium* on the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River with Kolmogorov-Smirnov Test Probabilities, September, 2008.

2008 Rock Creek Length Distributions



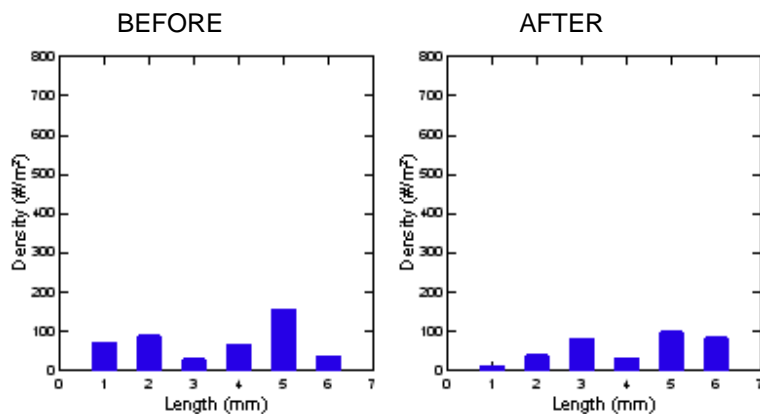
P=0.01

2008 Cresta Length Distributions



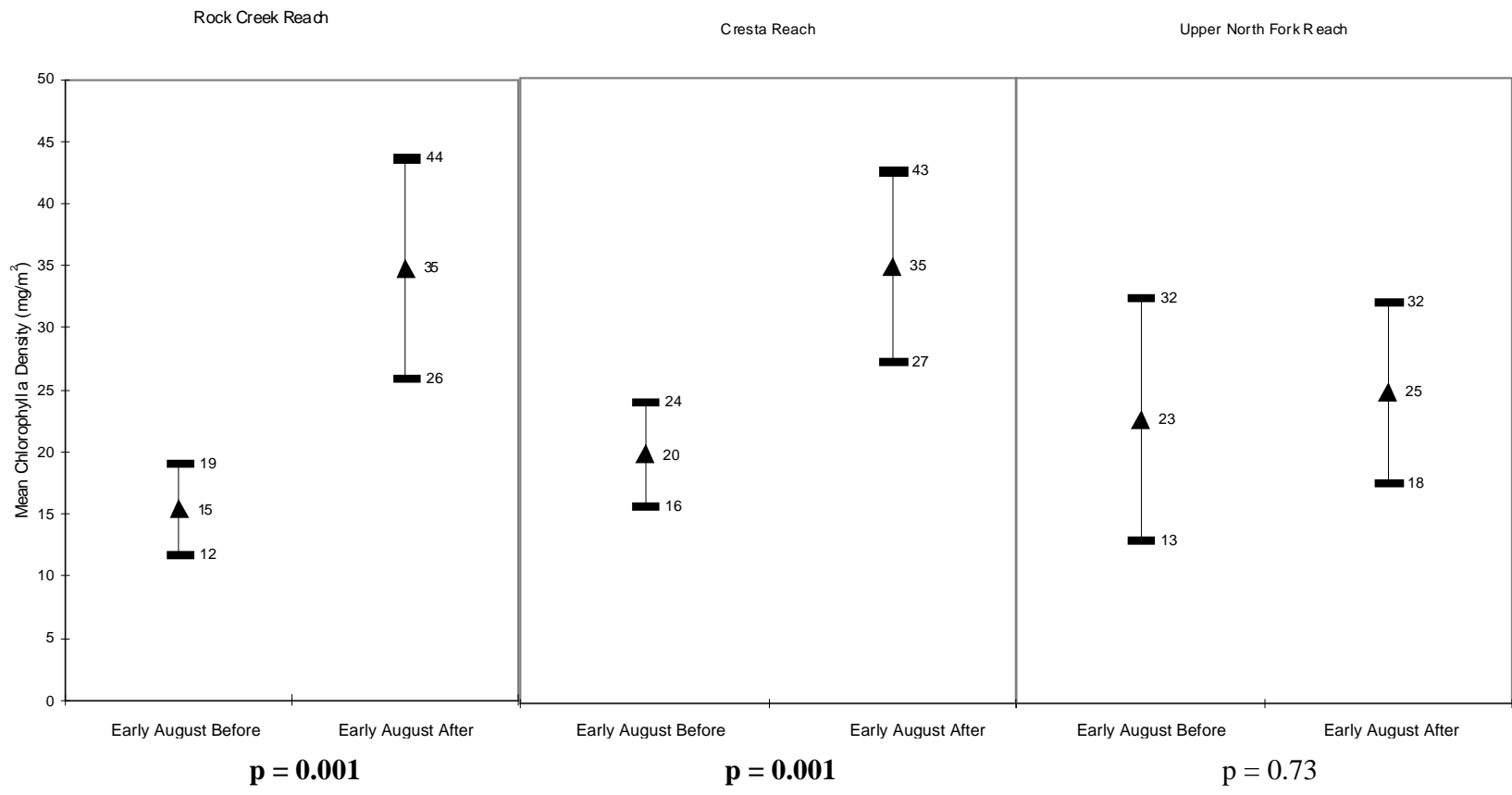
P=0.08

2008 UNF Length Distributions



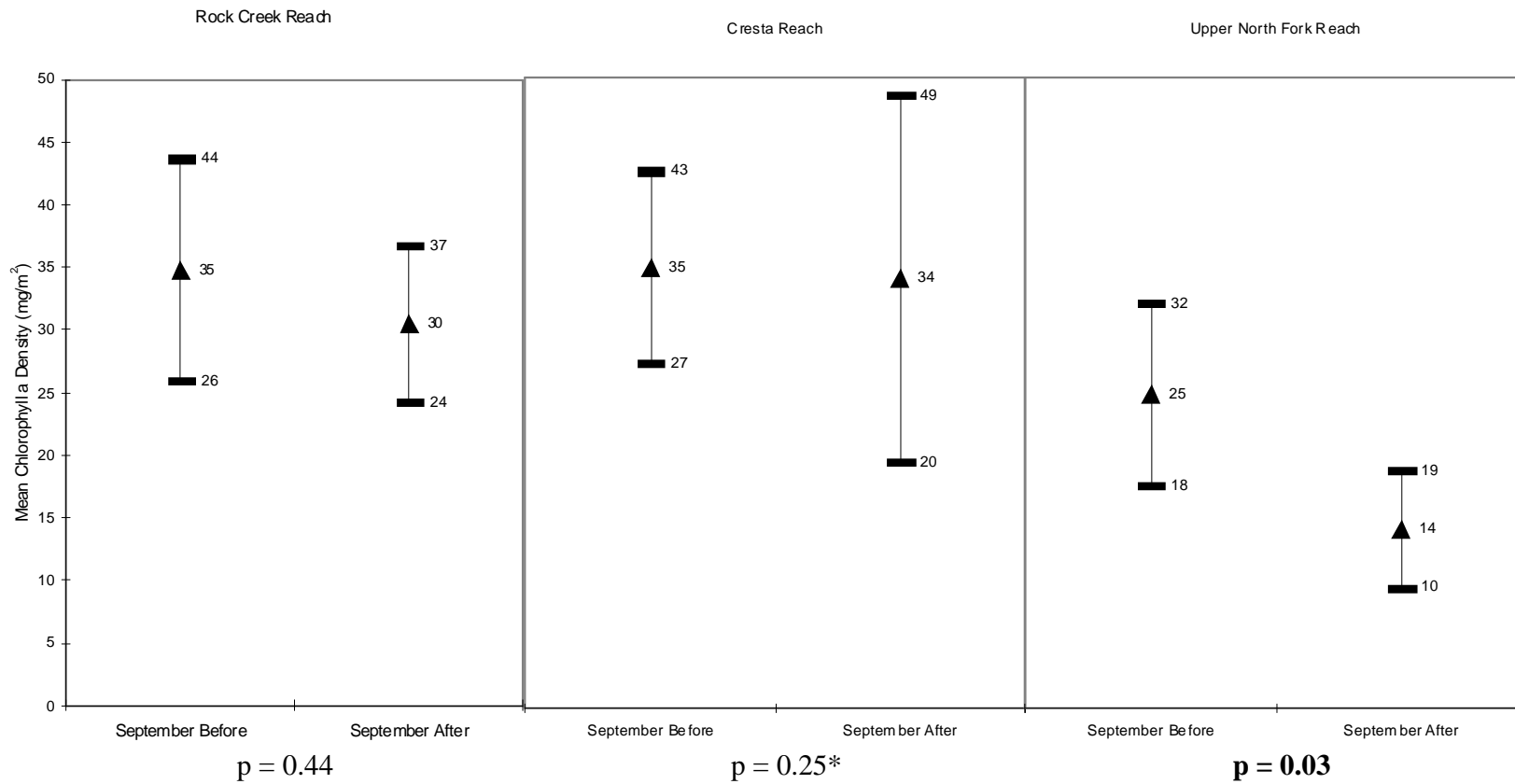
P=0.91

Figure 5.2-247. 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, 2008.



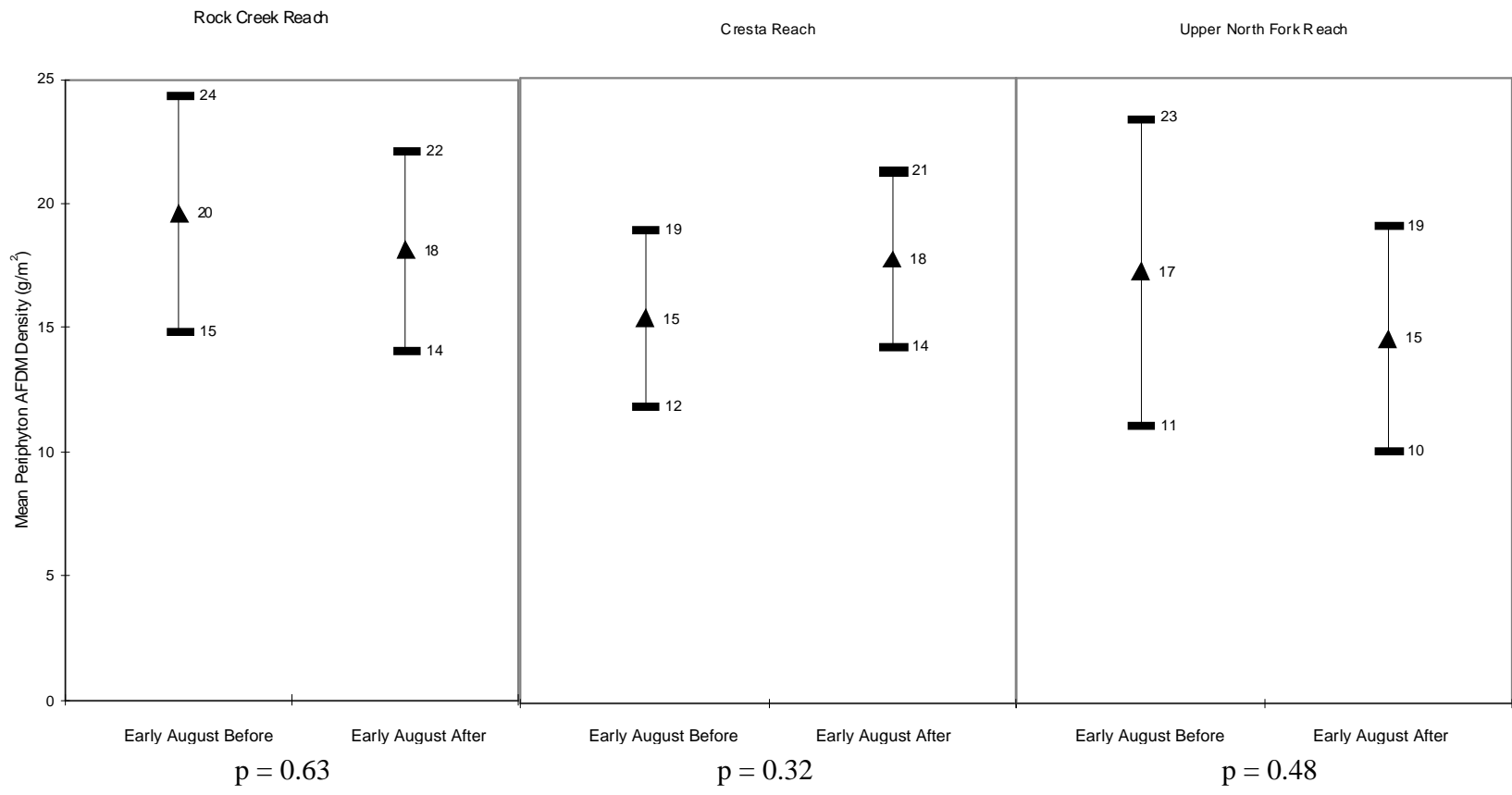
Note: Samples collected in Late August before were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-248. Mean Chlorophyll a Density with 95% Confidence Intervals (C.I.) in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



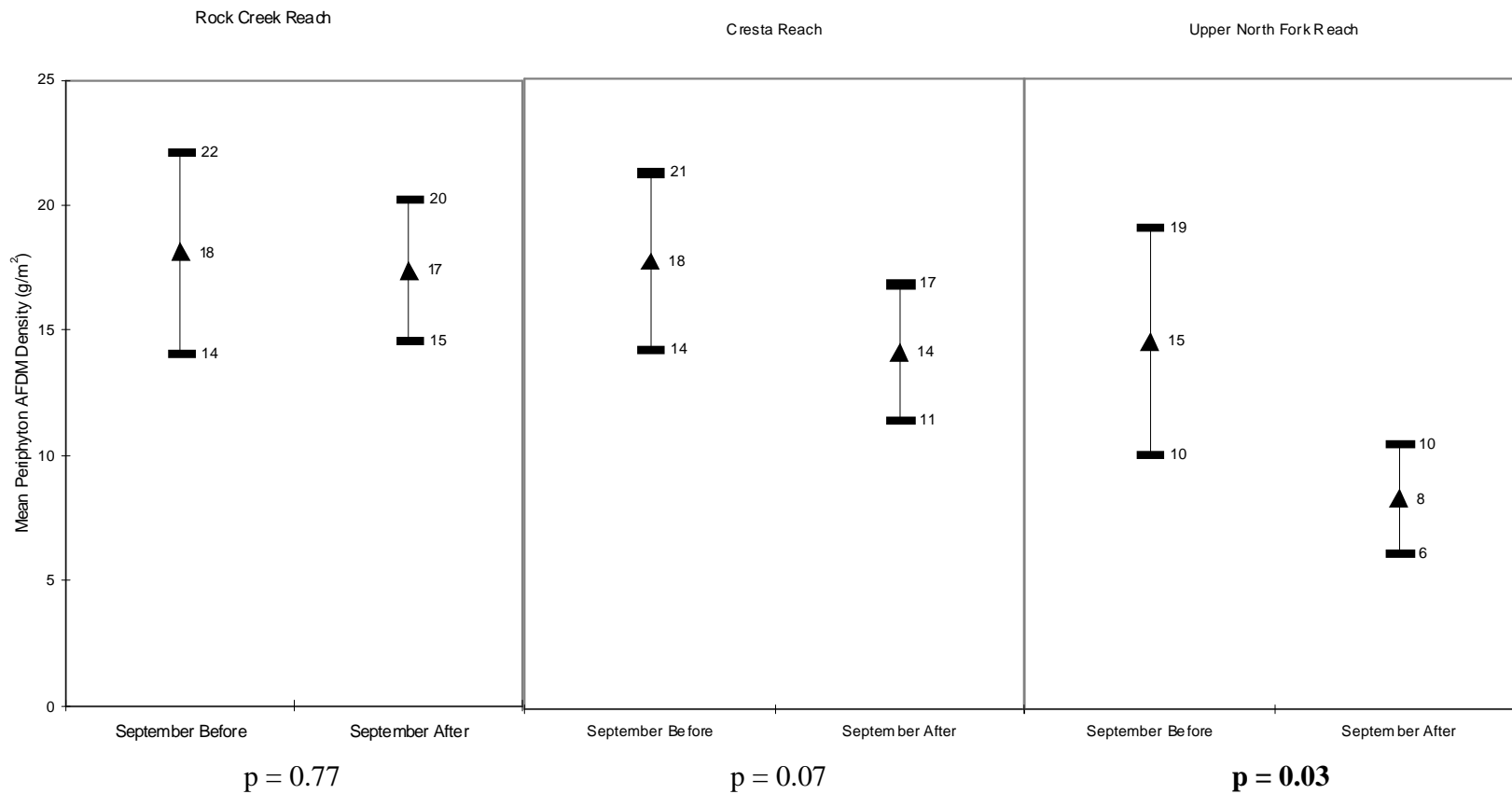
Note: Samples collected in Late August were used for the September before for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-249. Mean Chlorophyll a Density with 95% Confidence Intervals (C.I.) in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008 (* = Kruskal-Wallis p-value).



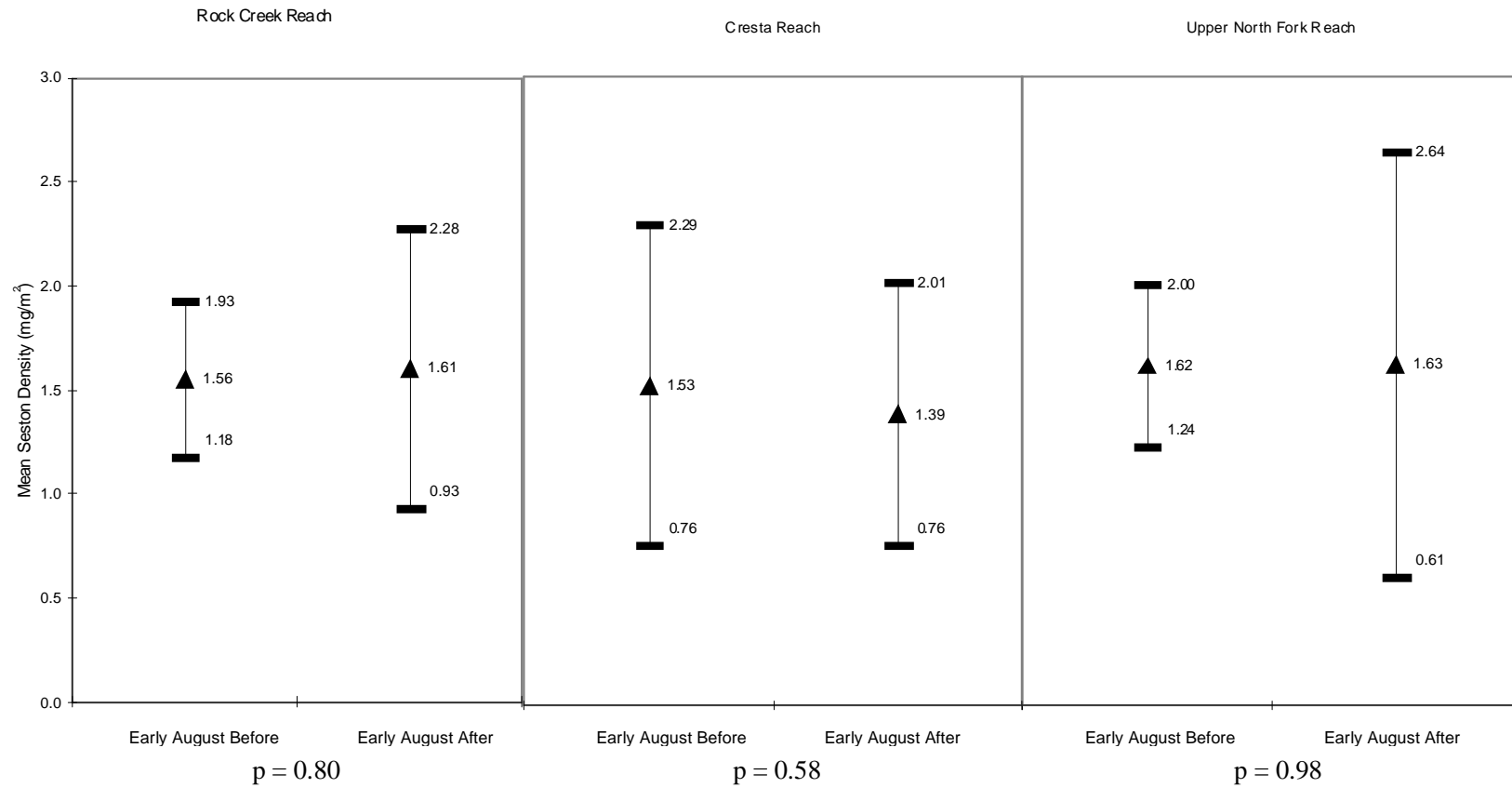
Note: Samples collected in Late August were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-250. Mean Filamentous Algae Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



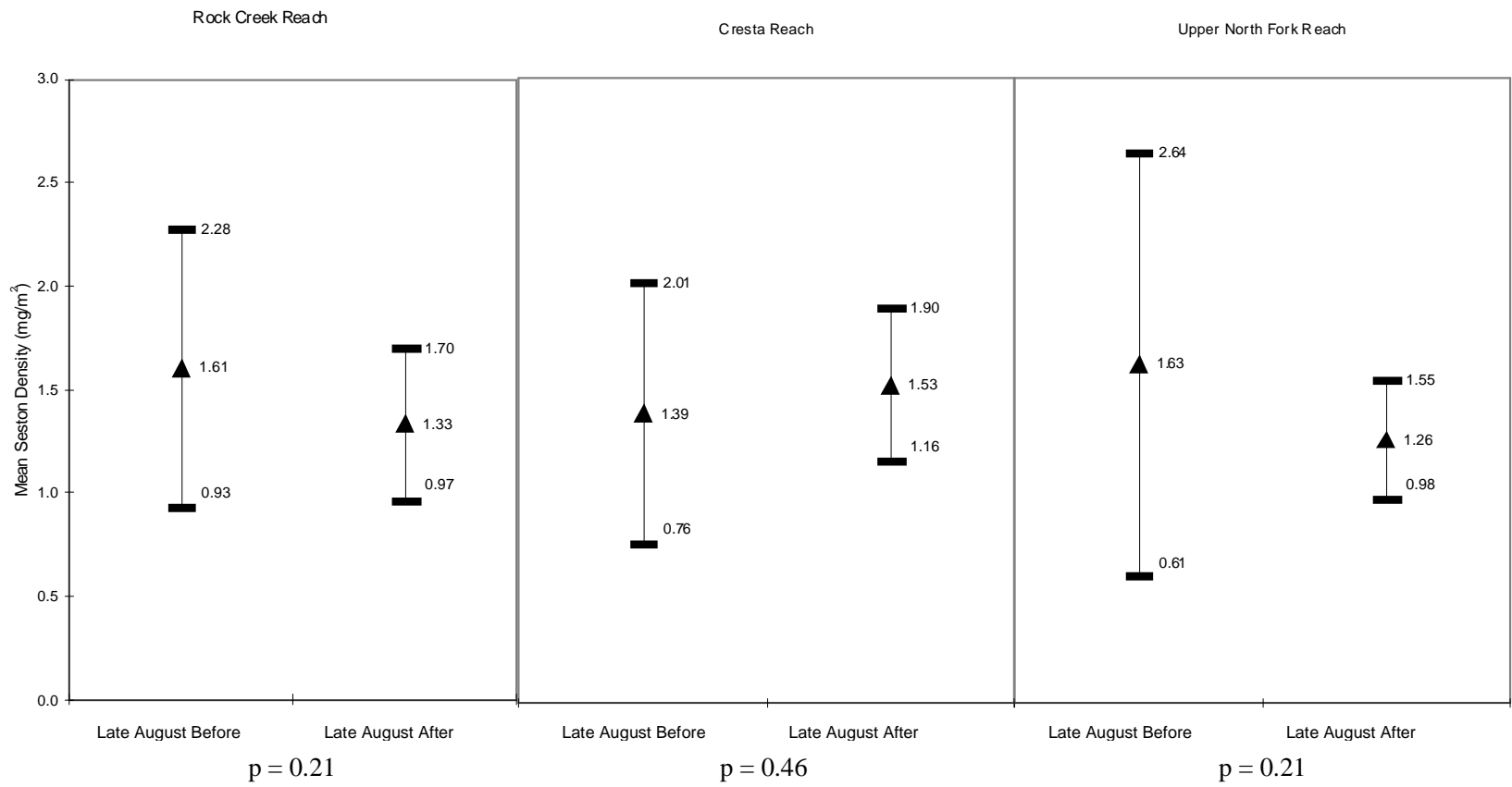
Note: Samples collected in Late August were used for the September before for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-251. Mean Filamentous Algae Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) on the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



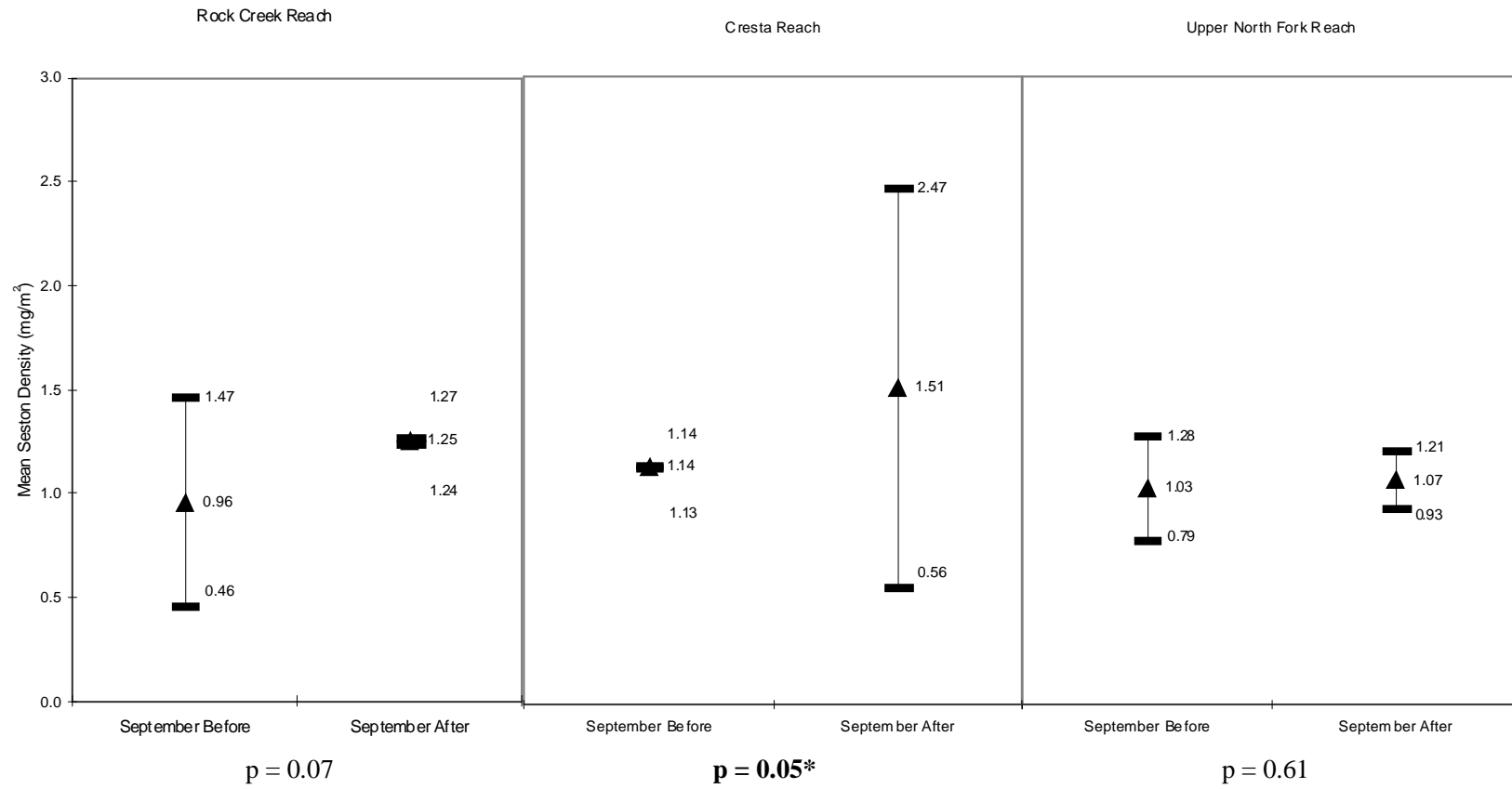
Note: Samples collected in Late August were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-252. Total Mean Seston Density with 95% Confidence Intervals (C.I.) in the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



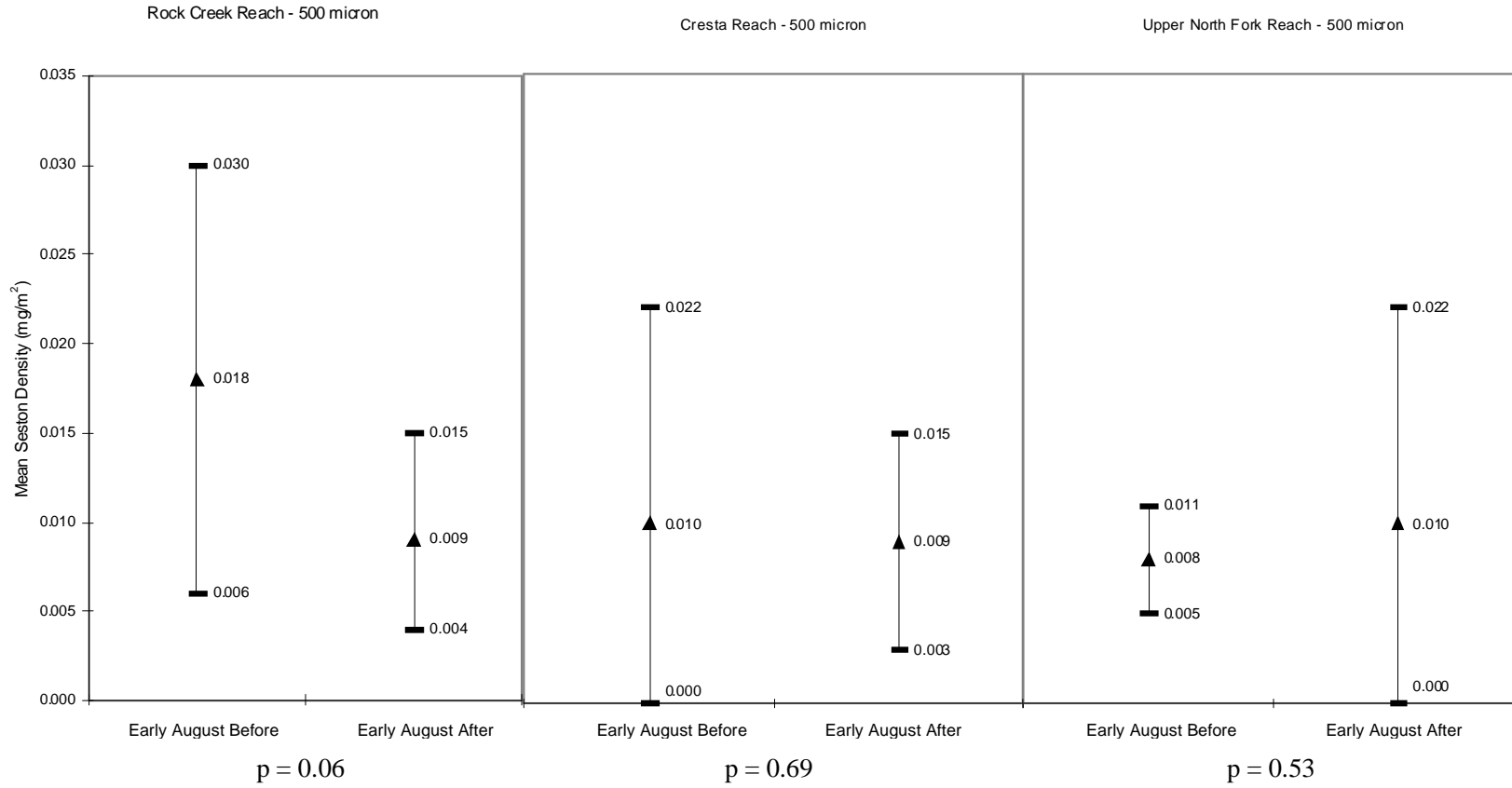
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-253. Total Mean Seston Density with 95% Confidence Intervals (C.I.) in the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



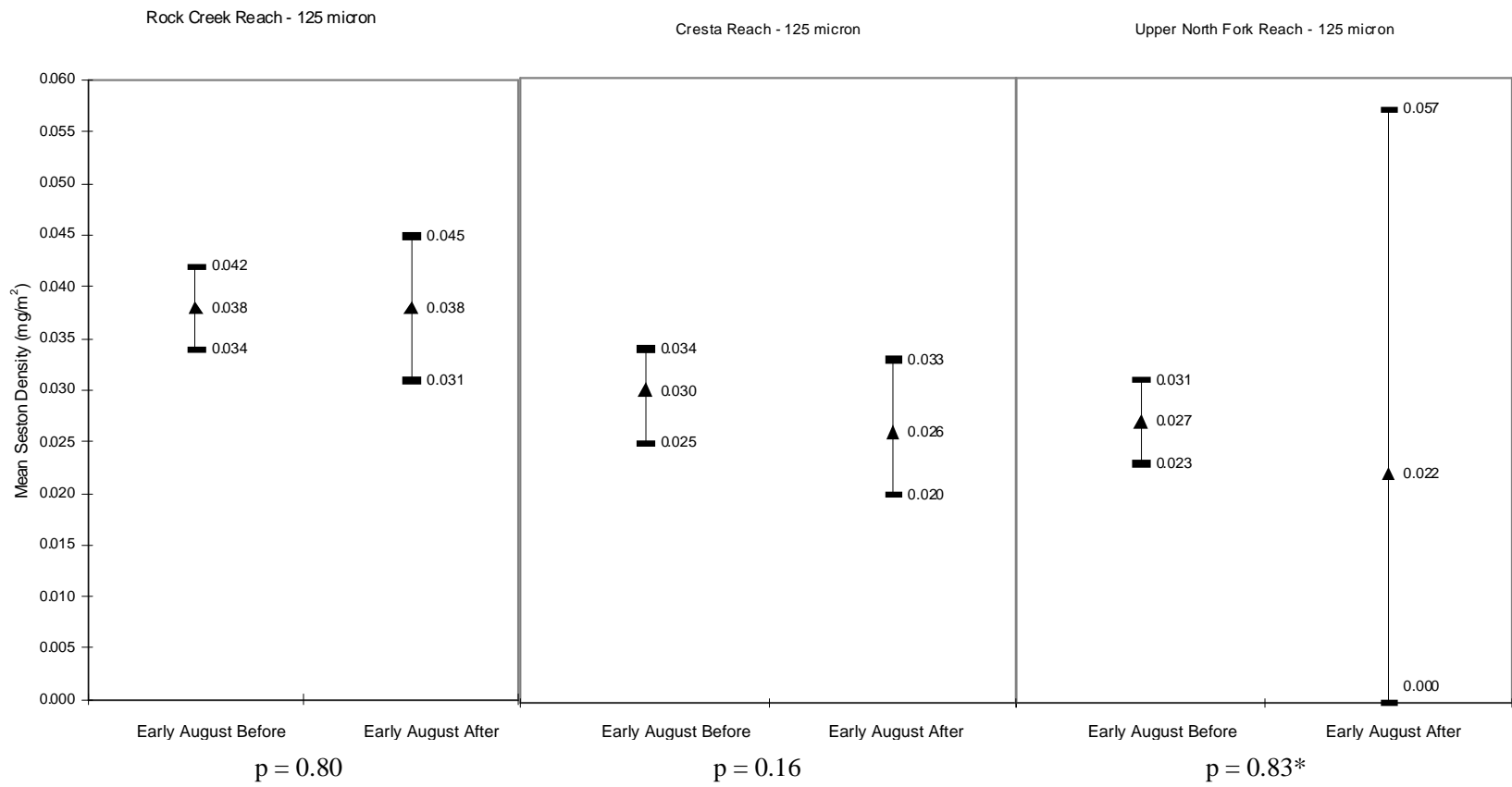
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-254. Total Mean Seston Density with 95% Confidence Intervals (C.I.) in the Rock Creek, Cresta, and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008 (* = Kruskal-Wallis p-value).



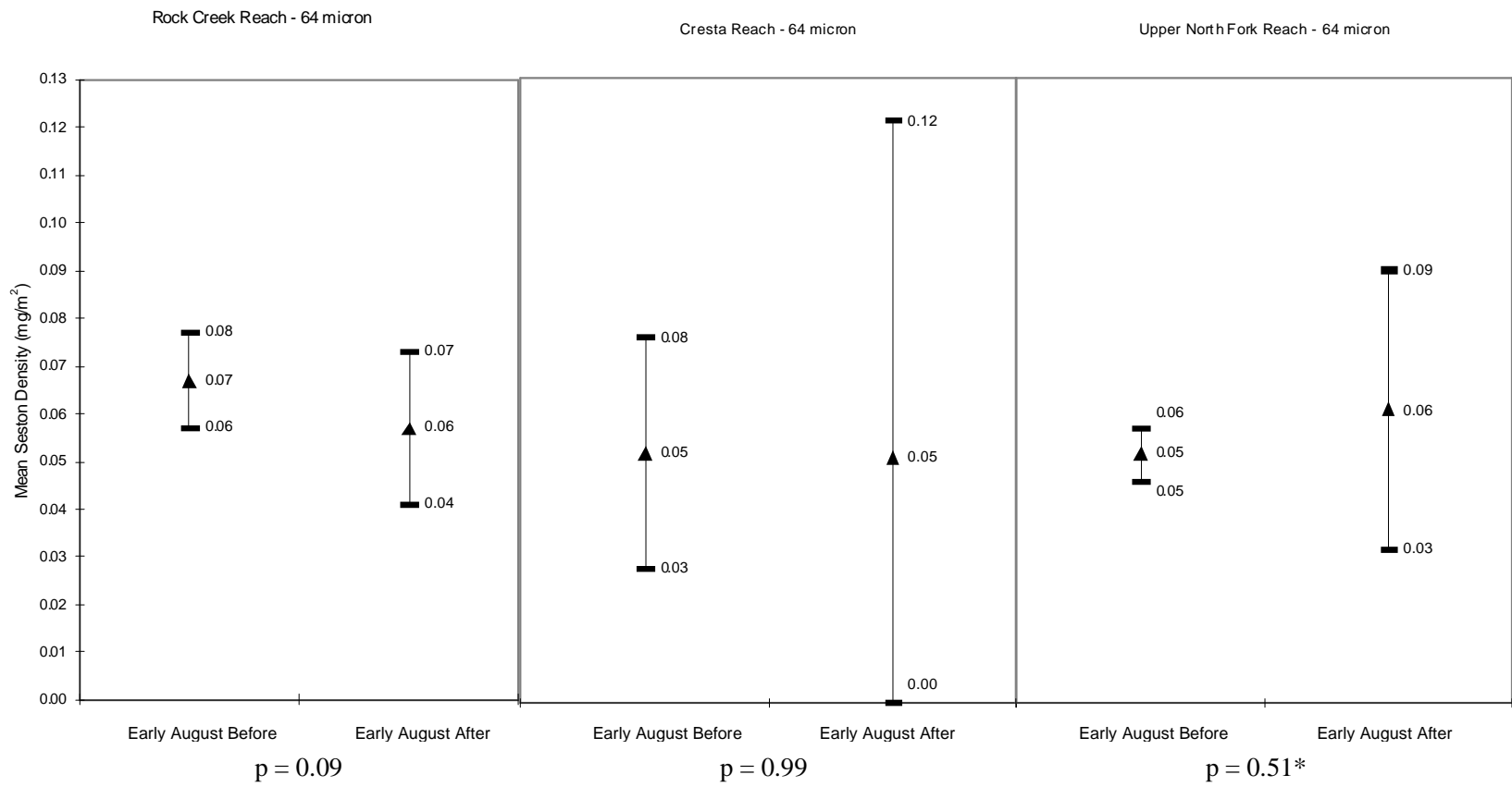
Note: Samples collected in Late August before were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-255 Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 500 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



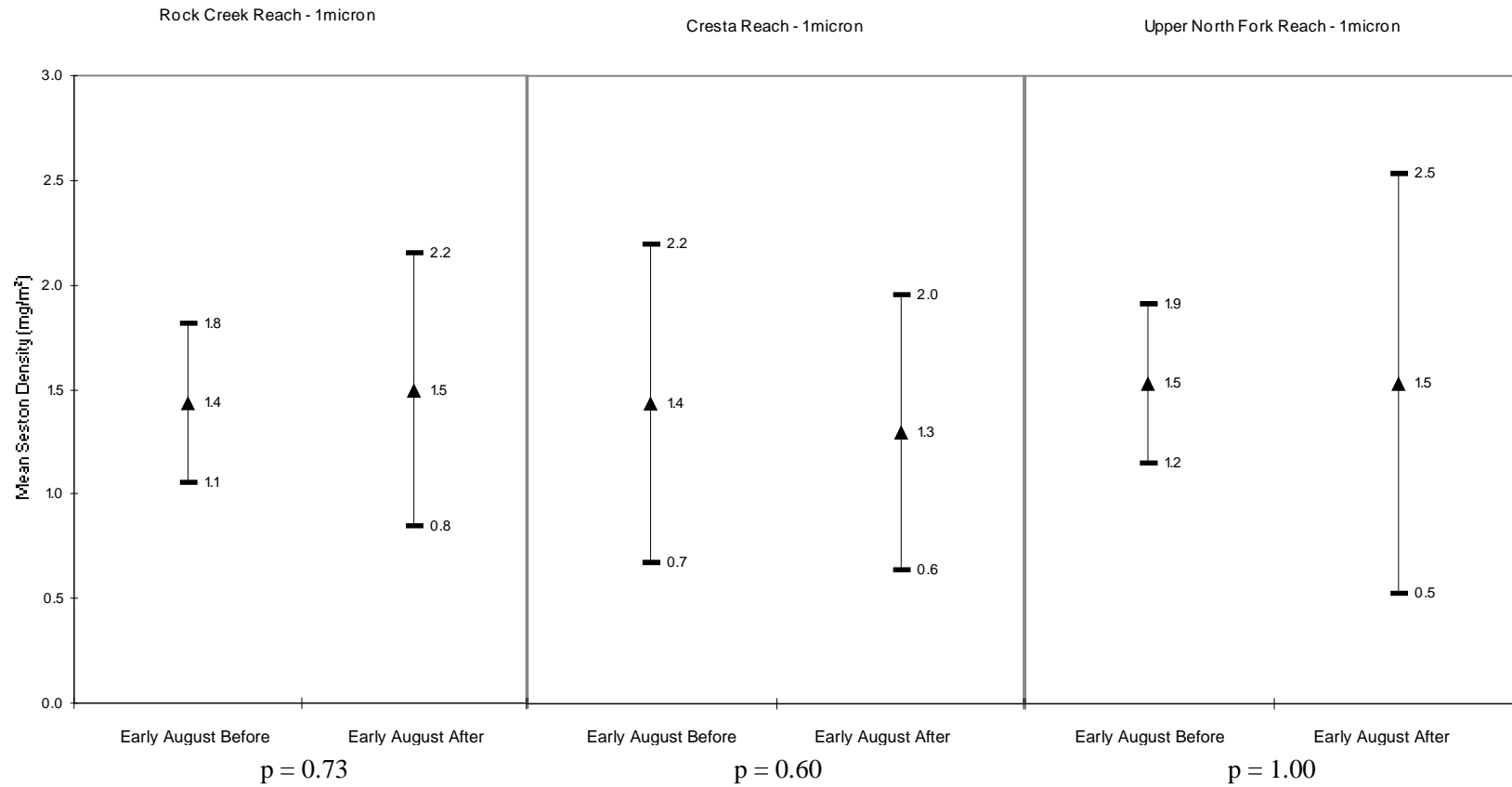
Note: Samples collected in Late August before were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-256. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 125 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008 (* = Kruskal-Wallis p-value).



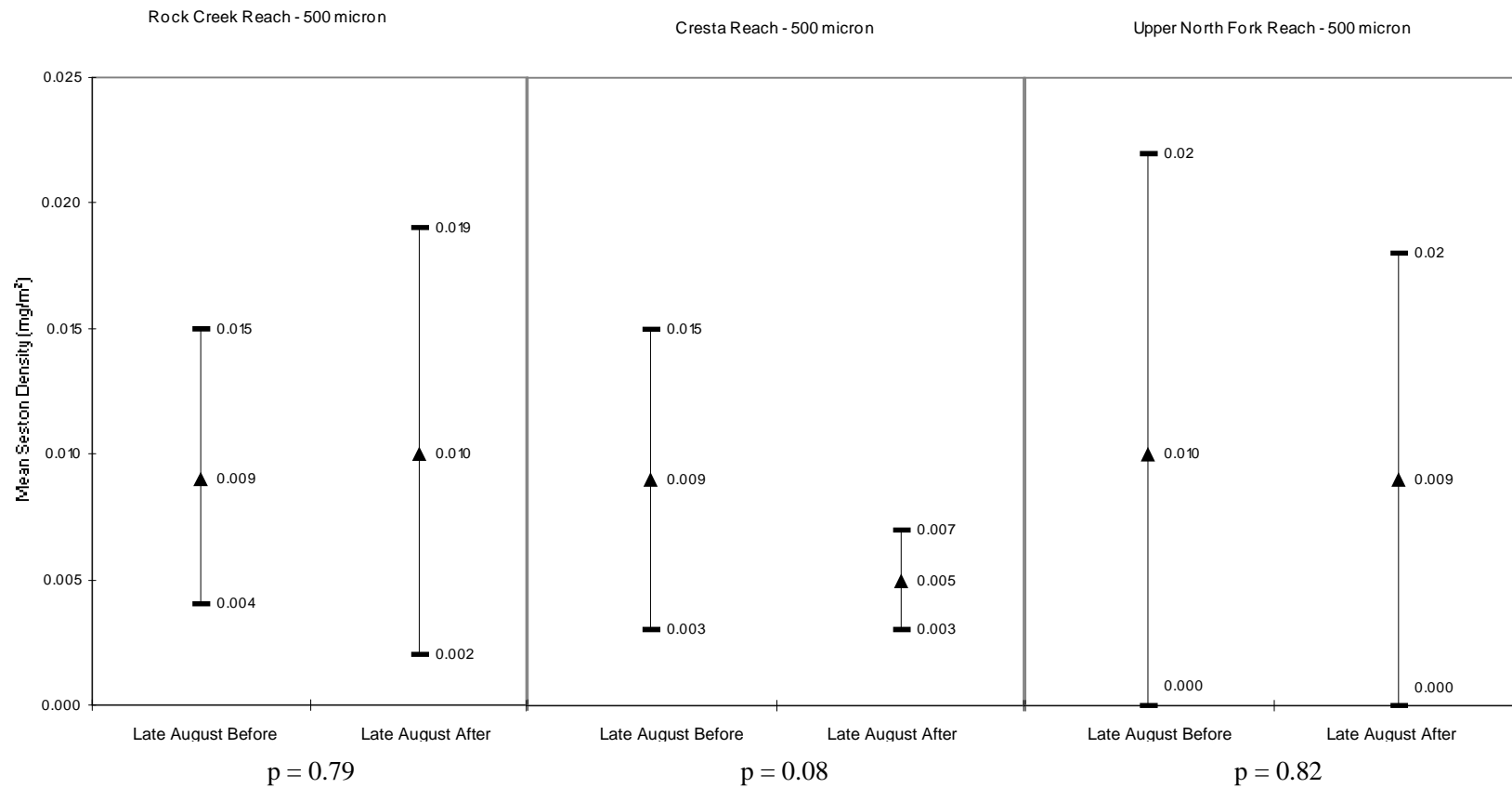
Note: Samples collected in Late August before were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-257. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 64 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008(* = Kruskal-Wallis p-value).



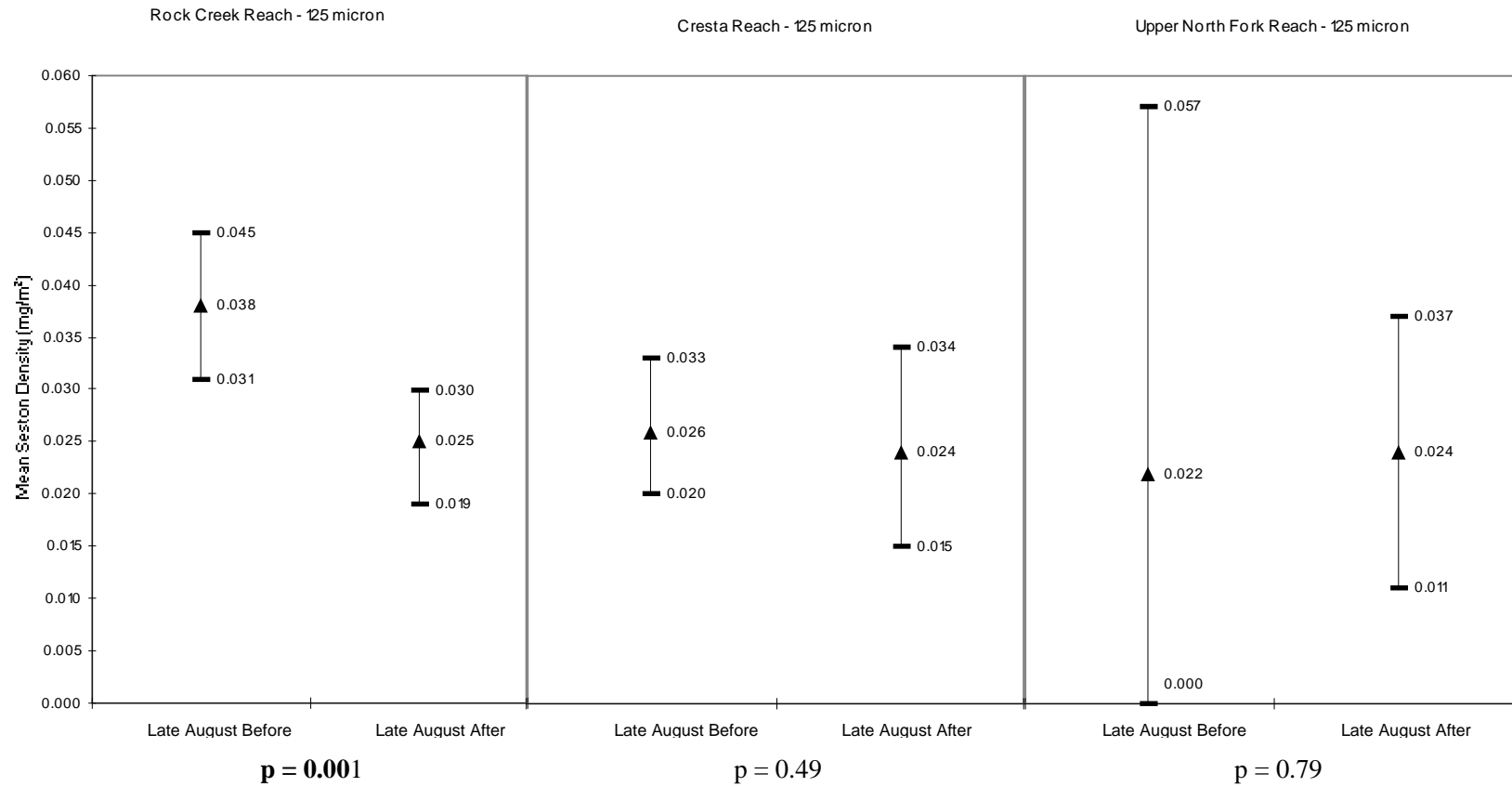
Note: Samples collected in Late August before were used for the Early August after for comparisons. Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-258. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 1 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Early August 2008.



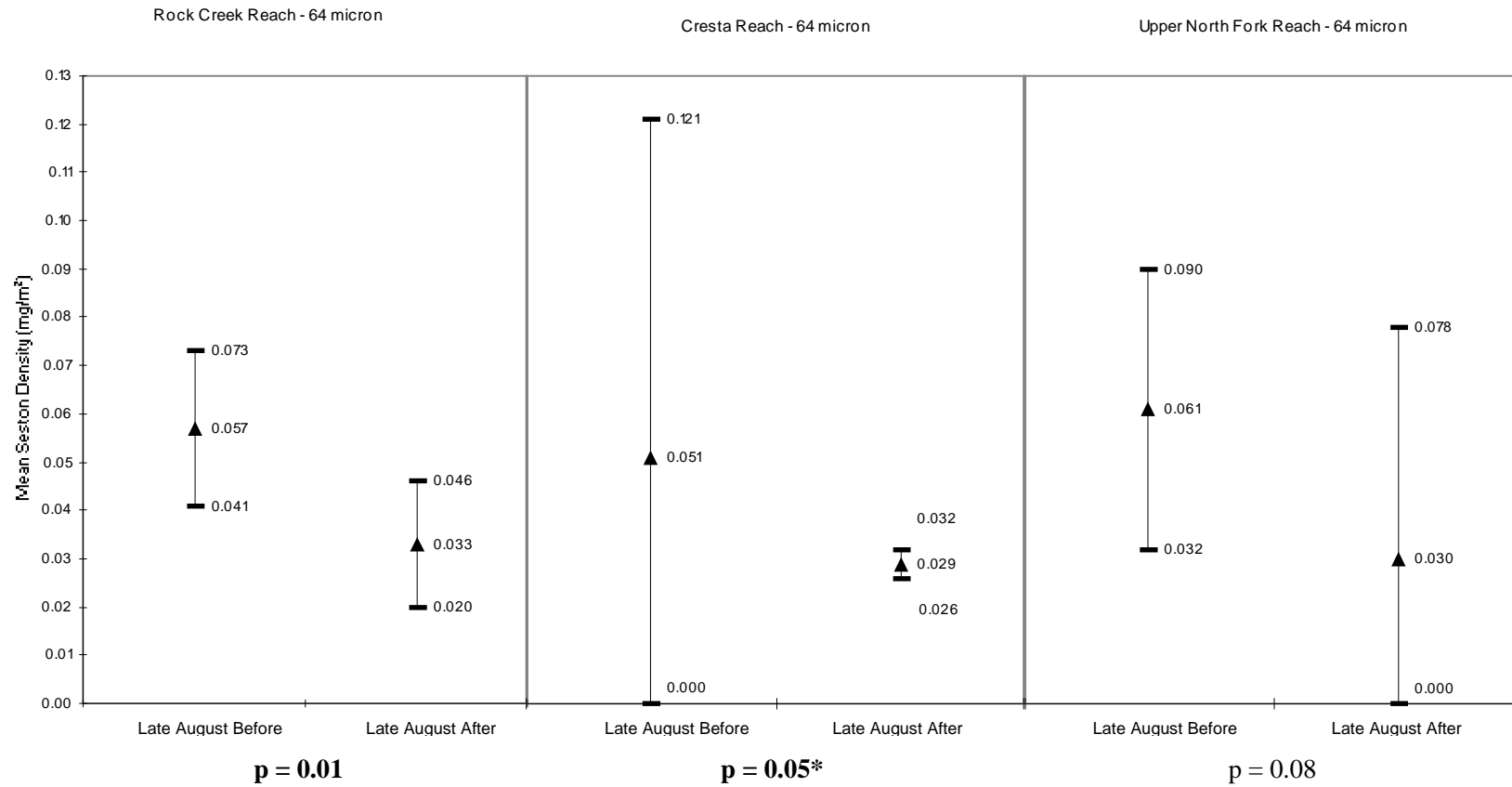
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-259. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 500 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August.



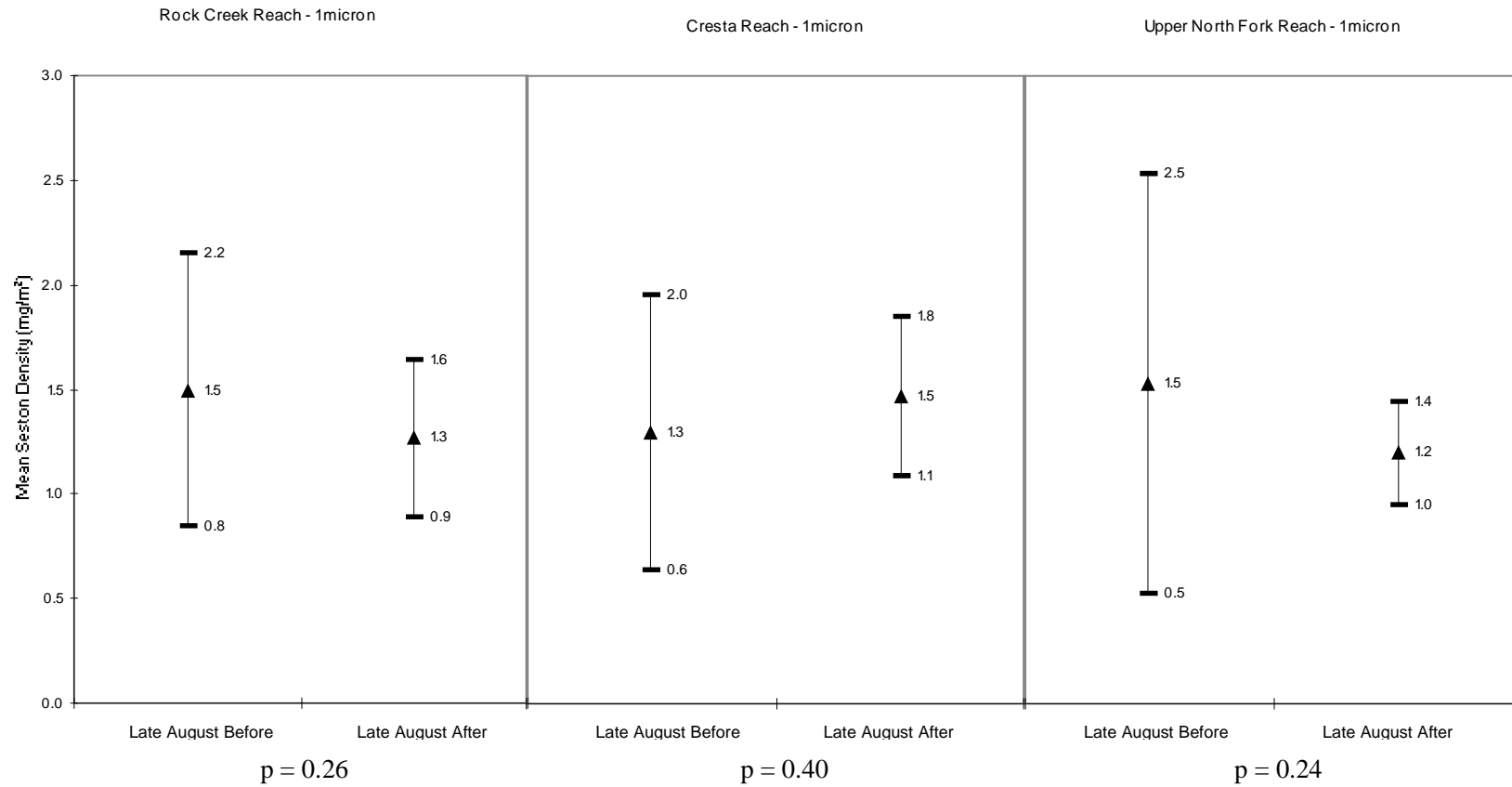
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-260. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 125 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



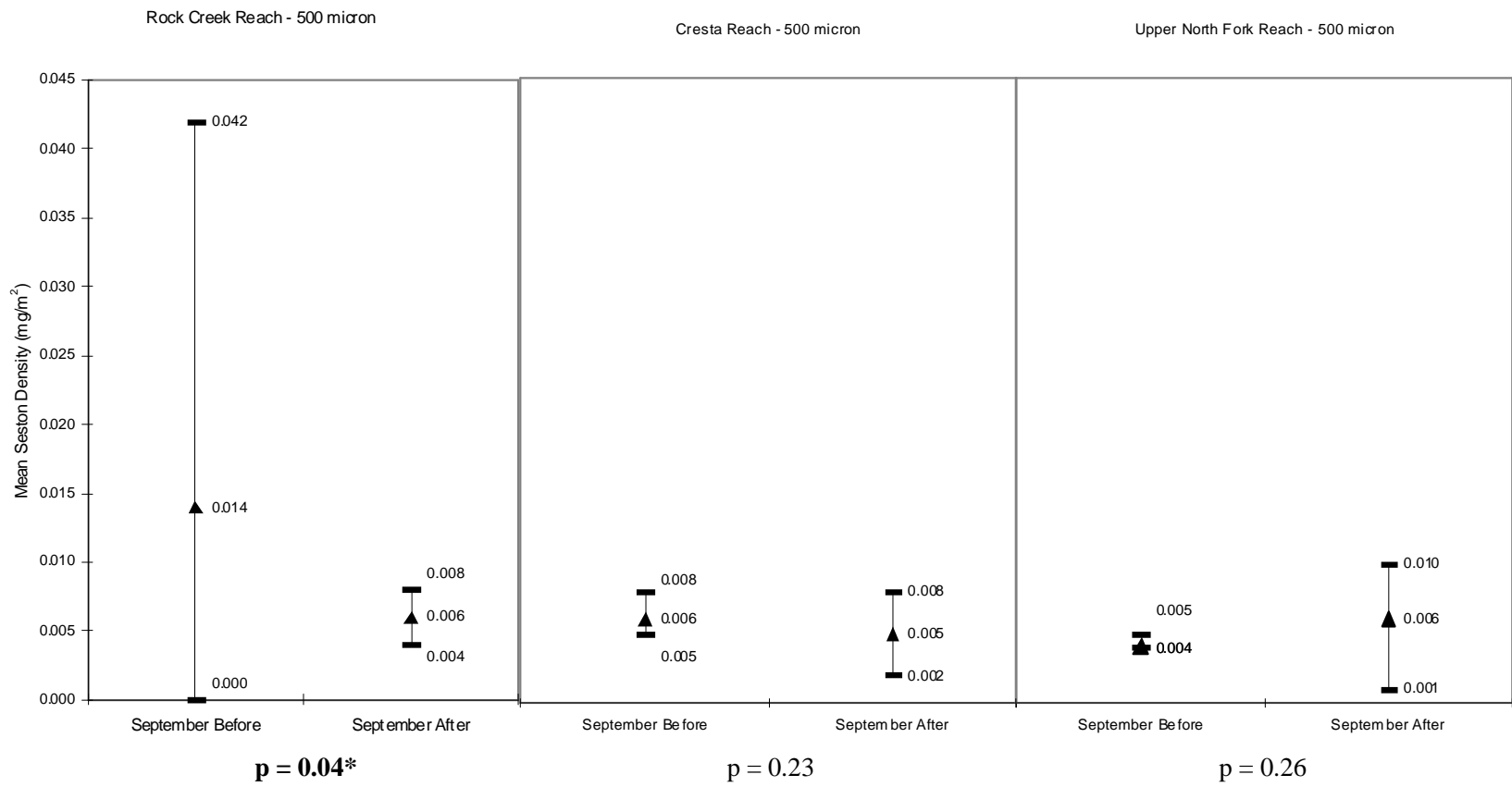
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-261. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 64 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008 (* = Kruskal-Wallis p-value).



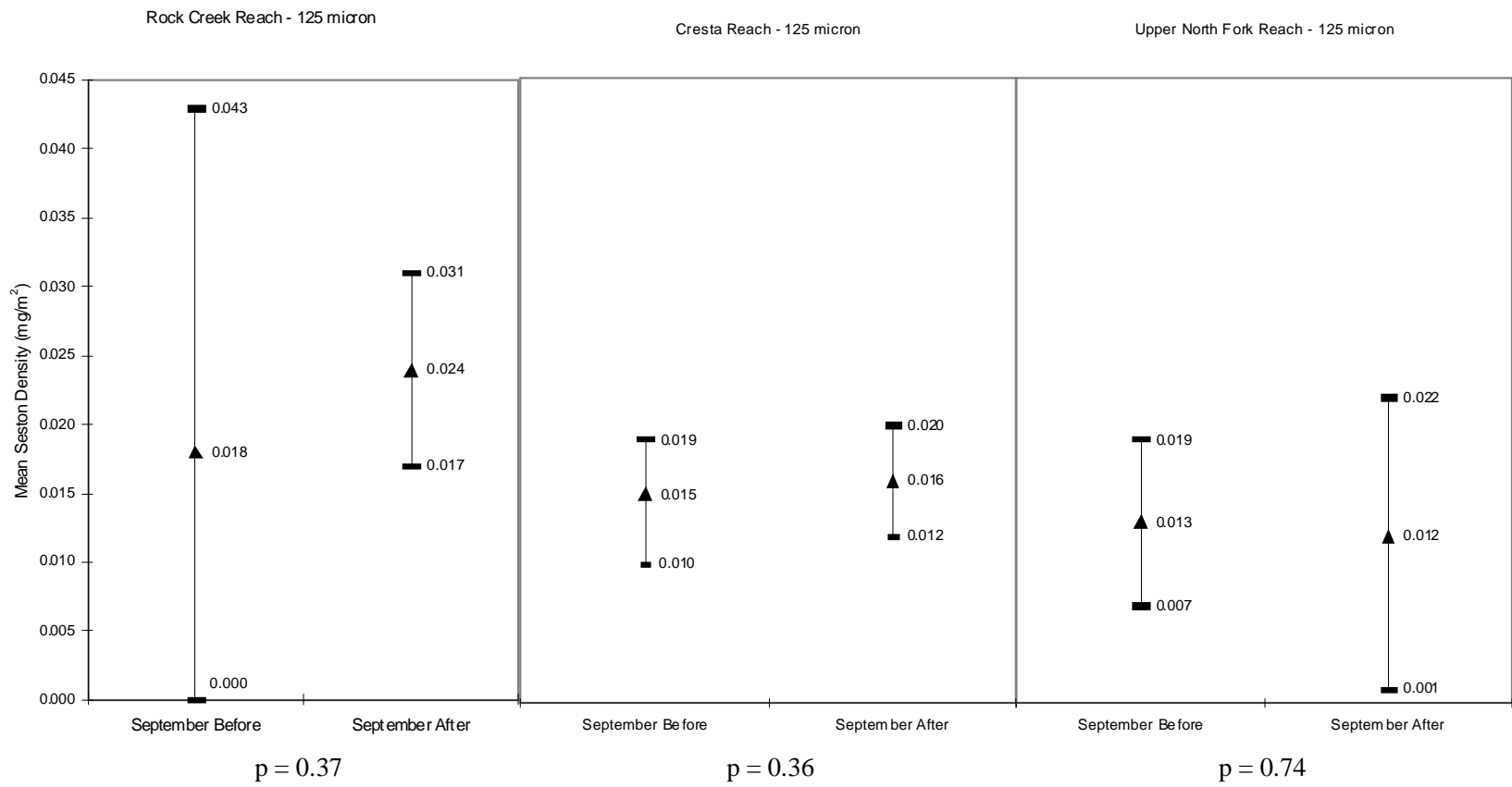
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-262. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 1 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, Late August 2008.



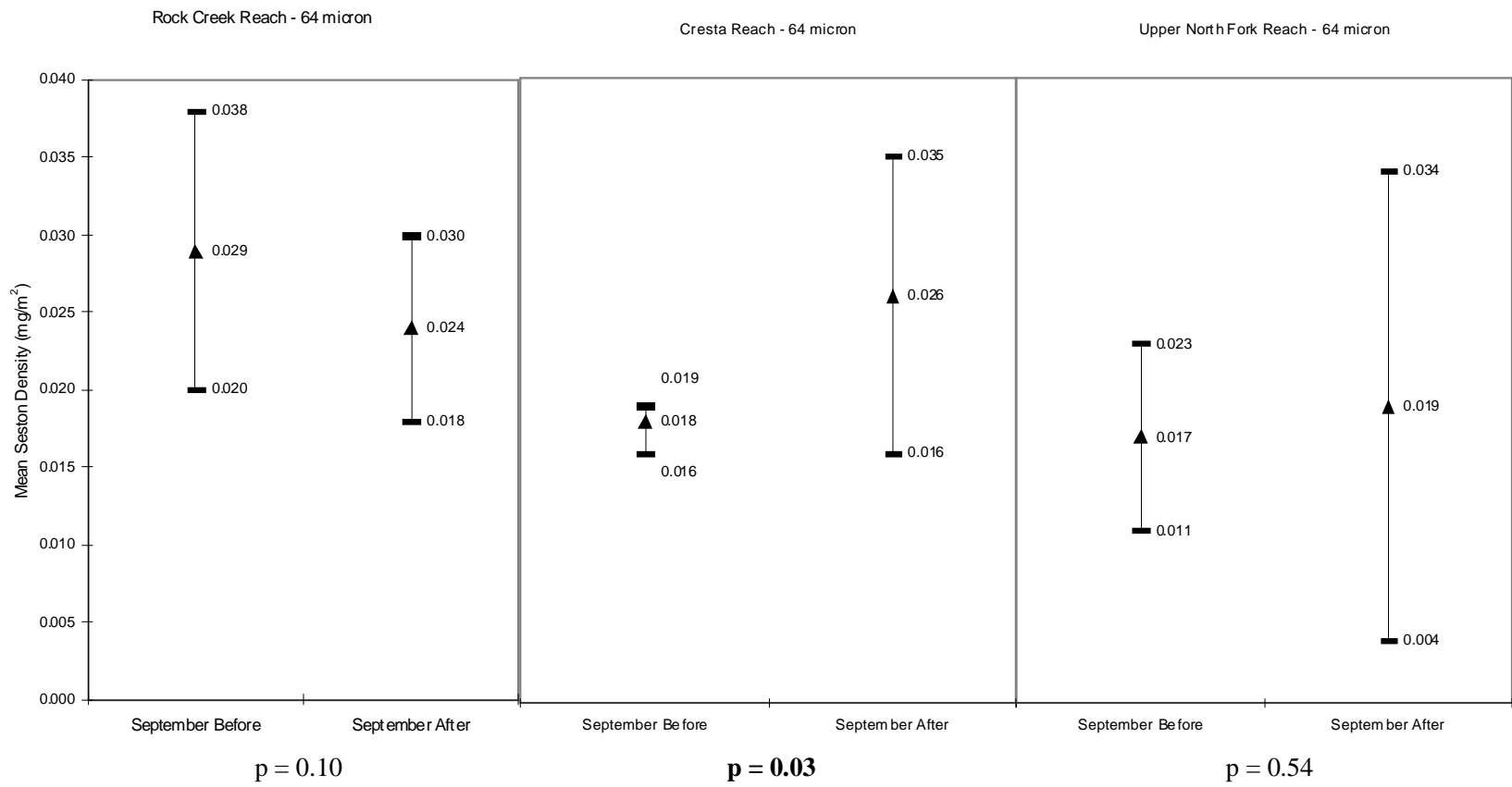
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-263. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 500 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008 (* = Kruskal-Wallis p-value).



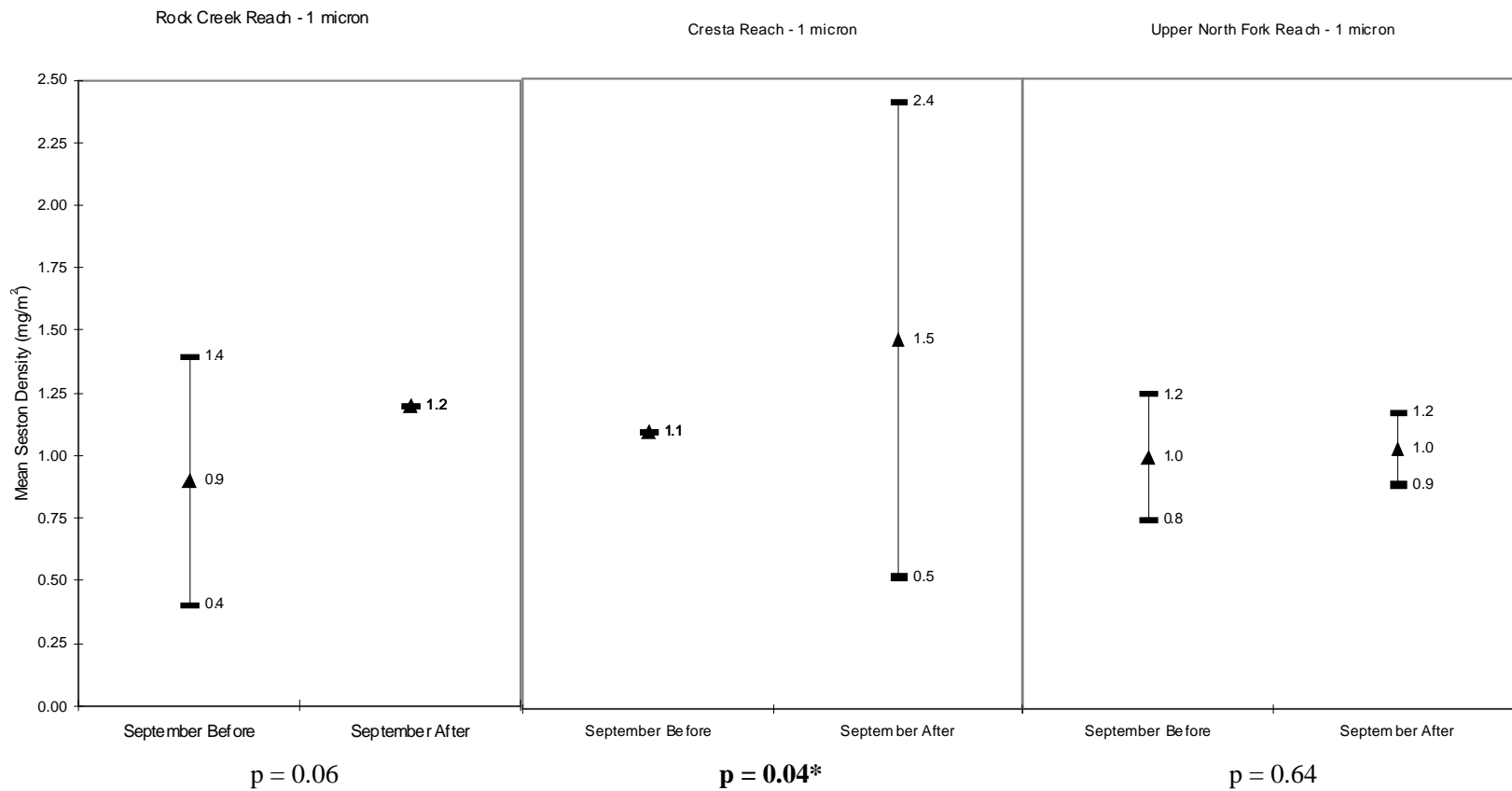
Note: Lower 95% Confidence Intervals (C.I.) less than zero were set equal to zero.

Figure 5.2-264. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 125 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



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

Figure 5.2-265. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 64 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008.



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

Figure 5.2-266. Mean Seston Ash-Free Dry Mass Density with 95% Confidence Intervals (C.I.) by 1 Micron Size Class in the Rock Creek, Cresta and Upper North Fork Reaches of the North Fork Feather River, Before and After Recreational Flow Releases, September 2008 (* = Kruskal-Wallis p-value).