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| Table 17. Small mammal trapping results at the PTBES study site in Colt, Arkansas, 2011. Data include all seasons combined. | | | | | | |
|  | **Treatment** | | | | |  |
| **Species** | **(CW)** | **(SG)** | **(CS)** | **(SC)** | **(CT)** | **Total** |
| *Sigmodon hispidus* | 0 | 11 | 1 | 3 | 0 | 15 |
| *Peromyscus* spp. | 6 | 9 | 6 | 8 | 4 | 33 |
| *Mus musculus* | 0 | 0 | 1 | 0 | 1 | 2 |
| *Reithrodontomys* spp. | 0 | 0 | 0 | 1 | 0 | 1 |
| *Oryzomys palustris* | 0 | 0 | 2 | 2 | 0 | 4 |
| Total | 6 | 20 | 10 | 14 | 5 | 55 |
| No. /100 trap nights | 0.83 | 2.92 | 1.39 | 1.81 | 0.69 | 1.53 |
| Shannon Diversity Index | 0.00 | 0.69 | 1.09 | 1.12 | 0.50 | 1.04 |

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| Table 18. Small mammal trapping results at the SREC study site in Rohwer, Arkansas, 2011. Data include all seasons combined. | | | | | | |
|  | **Treatment** | | | | |  |
| **Species** | **(CW)** | **(SG)** | **(CS)** | **(SC)** | **(CT)** | **Total** |
| *Sigmodon hispidus* | 22 | 0 | 1 | 2 | 0 | 25 |
| *Mus musculus* | 15 | 25 | 25 | 24 | 26 | 115 |
| *Reithrodontomys* spp. | 3 | 0 | 0 | 0 | 0 | 3 |
| *Oryzomys palustris* | 15 | 6 | 10 | 6 | 1 | 38 |
| *Cryptotis parva* | 2 | 0 | 0 | 0 | 0 | 2 |
| Total | 57 | 31 | 36 | 32 | 27 | 183 |
| No./100 trap nights | 7.92 | 4.31 | 5.00 | 4.44 | 3.75 | 5.08 |
| Shannon Diversity Index | 1.34 | 0.49 | 0.71 | 0.70 | 0.16 | 1.01 |

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| Table 19. Small mammal trapping results at the SF study site in Archibald, Louisiana, 2011. Data include all seasons combined. | | | | | | |
|  | **Treatment** | | | | |  |
| **Species** | **(CW)** | **(SG)** | **(CS)** | **(SC)** | **(CT)** | **Total** |
| *Sigmodon hispidus* | 0 | 3 | 6 | 5 | 0 | 14 |
| *Peromyscus* spp. | 0 | 0 | 2 | 0 | 0 | 2 |
| *Mus musculus* | 3 | 11 | 3 | 4 | 8 | 29 |
| *Microtus pinetorum* | 2 | 0 | 2 | 2 | 0 | 6 |
| Total | 5 | 14 | 13 | 11 | 8 | 51 |
| No. /100 trap nights | 0.69 | 1.94 | 1.81 | 1.53 | 1.11 | 1.42 |
| Shannon Diversity Index | 0.67 | 0.52 | 1.27 | 1.04 | 0.00 | 1.05 |

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| Table 20. Mean seasonal percentage (SE) of habitat characteristics for all treatments combined at the PTBES study site in Colt, Arkansas, 2011. | | | | | |
| **Variable** | **Winter** | **Spring** | **Summer** | **Fall** | **Total** |
| Bare Ground | 36.6 (22.8) | 34.1 (23.8) | 39.3 (32.3) | 27.1 (23.4) | 34.2 (26.1) |
| Litter | 35.9 (23.9) | 21.8 (19.7) | 15.6 (15.8) | 38.1 (27.5) | 27.8 (23.9) |
| Live Graminoid | 3.5 (4.4) | 31.6 (36.9) | 37.5 (46.7) | 21.2 (27.0) | 23.5 (34.9) |
| Dead Graminoid | 27.5 (27.4) | 2.0 (6.7) | 0 | 0 | 7.4 (18.2) |
| Herbaceous | 6.6 (9.8) | 13.0 (18.6) | 32.6 (37.9) | 30.3 (37.2) | 20.6 (30.4) |
| Soybeans | 0 | 0 | 0 | 14.5 (30.3) | 3.6 (16.3) |
| SB Stubb | 0 | 0 | 0 | 0 | 0 |
| SG Stubb | 0 | 0 | 0 | 0 | 0 |
| Live Tree | 8.2 (13.6) | 5.4 (11.6) | 9.2 (17.9) | 7.7 (15.0) | 7.6 (14.7) |
| Dead Tree | 0 | 1.5 (4.5) | 0 | 0 | 0.4 (2.3) |
| Live Vine | 0 | 0.1 (0.5) | 2.2 (4.4) | 2.8 (6.9) | 1.3 (4.3) |
| Dead Vine | 0 | 0 | 0 | 0 | 0 |
| Shrub | 5.5 (11.3) | 0 | 0 | 0 | 1.4 (6.1) |
| 0.25m Density | 9.0 (11.9) | 29.0 (24.4) | 74.8 (39.8) | 65.2 (37.7) | 44.5 (40.4) |
| 1.25m Density | 0.4 (2.1) | 10.8 (21.2) | 66.1 (43.0) | 22.4 (37.6) | 24.9 (39.3) |
| 2.25m Density | 0 | 0.3 (1.7) | 13.8 (28.6) | 7.1 (21.6) | 5.3 (18.7) |
| Canopy Cover | 0 | 0.3 (1.3) | 5.2 (16.8) | 1.2 (4.5) | 1.7 (8.9) |
| VgHt (cm) | 4.2 (4.6) | 11.1 (7.6) | 73.2 (69.8) | 42.4 (40.8) | 32.7 (48.8) |
| WdyHt (m) | 0.5 (0.6) | 0.3 (0.6) | 0.5 (0.8) | 0.5 (0.8) | 0.5 (0.7) |

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| Table 21. Mean treatment percentage (SE) of habitat characteristics for all seasons combined at the PTBES study site in Colt, Arkansas, 2011. | | | | | |
| **Variable** | **C1** | **S1** | **W1** | **SW1** | **WS1** |
| Bare Ground | 62.2 (29.9) | 24.7 (18.3) | 19.9 (14.4) | 35.2 (18.7) | 29.2 (23.4) |
| Litter | 32.3 (28.3) | 32.8 (27.5) | 24.3 (14.8) | 24.9 (24.3) | 24.8 (22.1) |
| Live Graminoid | 2.3 (4.2) | 52.3 (36.7) | 1.4 (1.3) | 36.2 (38.6) | 25.1 (37.4) |
| Dead Graminoid | 1.3 (3.6) | 10.4 (21.1) | 8.7 (20.5) | 9.5 (20.6) | 7.0 (18.4) |
| Herbaceous | 3.4 (5.6) | 5.5 (11.0) | 42.8 (34.2) | 18.7 (30.2) | 32.7 (36.1) |
| Soybeans | 18.2 (33.0) | 0 | 0 | 0 | 0 |
| SB Stubb | 0 | 0 | 0 | 0 | 0 |
| SG Stubb | 0 | 0 | 0 | 0 | 0 |
| Live Tree | 0 | 0 | 26.4 (17.8) | 2.7 (5.8) | 9.1 (15.5) |
| Dead Tree | 0 | 0 | 0 | 1.3 (4.3) | 0.6 (2.6) |
| Live Vine | 2.6 (7.5) | 0 | 2.1 (4.3) | 0.3 (0.8) | 1.4 (3.6) |
| Dead Vine | 0 | 0 | 0 | 0 | 0 |
| Shrub | 0 | 0 | 2.6 (7.4) | 0.5 (2.6) | 3.7 (10.8) |
| 0.25m Density | 27.9 (40.5) | 45.8 (38.2) | 54.6 (43.0) | 44.4 (38.8) | 49.7 (38.7) |
| 1.25m Density | 0 | 24.3 (42.9) | 51.1 (40.9) | 21.7 (38.7) | 27.6 (39.1) |
| 2.25m Density | 0 | 0 | 21.0 (32.4) | 2.1 (12.5) | 3.5 (15.9) |
| Canopy Cover | 0 | 0 | 8.4 (18.6) | 0 | 0 (0.2) |
| VgHt (cm) | 4.9 (5.6) | 49.0 (65.6) | 31.7 (36.4) | 40.1 (53.9) | 38.1 (49.8) |
| WdyHt (m) | 0 | 0 | 1.5 (0.7) | 0.3 (0.5) | 0.5 (0.7) |

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| Table 22. Mean percentage (SD) of statistically different habitat values calculated separately for capture plots (trap locations where small mammals were captured), and non-capture plots (trap locations were small mammals were not captured) for all species, seasons, and treatments combined at the PTBES study site in Colt, Arkansas, 2011. | | | |
| **Variable** | **Capture** | **Non-Capture** | **P-Value** |
| Live Graminoid | 30.6 (37.8) | 22.1 (34.4) | 0.0199 |
| Dead Tree | 1.2 (4.1) | 0.2 (1.8) | 0.0430 |
| Live Vine | 0.2 (0.7) | 1.5 (4.6) | 0.0692 |

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| Table 23. Mean seasonal percentage (SE) of habitat characteristics for all treatments combined at the SREC study site in Rohwer, Arkansas, 2011. | | | | | |
| **Variable** | **Winter** | **Spring** | **Summer** | **Fall** | **Total** |
| Bare Ground | 46.5 (22.0) | 50.5 (28.9) | 30.3 (21.1) | 16.9 (13.1) | 36.1 (25.6) |
| Litter | 31.5 (29.8) | 15.9 (20.7) | 42.9 (19.8) | 67.1 (22.1) | 39.3 (29.8) |
| Live Graminoid | 22.9 (28.3) | 3.1 (7.2) | 32.9 (27.3) | 17.4 (21.8) | 19.1 (25.0) |
| Dead Graminoid | 9.2 (12.7) | 25.9 (30.8) | 0 | 10.5 (16.9) | 11.4 (20.7) |
| Herbaceous | 3.0 (5.1) | 8.8 (13.9) | 7.2 (8.3) | 9.0 (14.6) | 7.0 (11.4) |
| Soybeans | 0 | 0 | 7.6 (15.4) | 0 | 1.9 (8.3) |
| SB Stubb | 0 | 0 | 0 | 3.1 (6.3) | 0.7 (3.4) |
| SG Stubb | 0 | 0 | 0 | 0 | 0 |
| Live Tree | 11.9 (16.7) | 14.4 (23.0) | 21.5 (30.0) | 16.1 (22.3) | 16.0 (23.5) |
| Dead Tree | 0 | 0 | 0 | 0 | 0 |
| Live Vine | 0 | 1.3 (6.1) | 6.0 (13.4) | 1.7 (3.2) | 2.3 (7.8) |
| Dead Vine | 0.4 (2.3) | 0 | 0 | 0 | 0.1 (1.2) |
| Shrub | 1.2 (3.3) | 0.1 (0.4) | 0 | 0 | 0.3 (1.7) |
| 0.25m Density | 18.7 (14.6) | 27.7 (33.4) | 69.1 (25.1) | 40.9 (28.8) | 39.1 (32.4) |
| 1.25m Density | 3.8 (5.2) | 32.8 (42.1) | 29.2 (39.2) | 25.2 (35.1) | 22.8 (35.4) |
| 2.25m Density | 1.6 (3.7) | 31.2 (40.8) | 29.2 (39.4) | 24.8 (33.9) | 21.7 (34.9) |
| Canopy Cover | 0 | 8.5 (12.0) | 25.2 (32.8) | 25.9 (33.3) | 14.9 (26.4) |
| VgHt (cm) | 5.1 (4.0) | 12.1 (16.1) | 23.8 (15.0) | 29.8 (20.9) | 17.7 (18.0) |
| WdyHt (m) | 1.2 (1.6) | 1.0 (1.5) | 1.5 (1.9) | 1.6 (2.1) | 1.3 (1.8) |

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| Table 24. Mean treatment percentage (SE) of habitat characteristics for all seasons combined at the SREC study site in Rohwer, Arkansas, 2011.. | | | | | |
| **Variable** | **C1** | **S1** | **W1** | **SW1** | **WS1** |
| Bare Ground | 52.8 (34.4) | 35.4 (18.0) | 27.1 (22.7) | 32.8 (22.6) | 32.1 (20.6) |
| Litter | 40.2 (36.1) | 29.8 (30.2) | 50.4 (20.9) | 36.1 (31.6) | 40.3 (25.6) |
| Live Graminoid | 1.7 (1.2) | 28.3 (29.2) | 23.9 (28.1) | 23.7 (27.5) | 17.7 (18.9) |
| Dead Graminoid | 3.5 (6.5) | 20.3 (26.4) | 5.1 (12.8) | 19.2 (26.6) | 9.1 (18.4) |
| Herbaceous | 3.6 (5.0) | 2.0 (3.5) | 11.9 (17.6) | 6.8 (10.0) | 10.8 (11.7) |
| Soybeans | 9.5 (16.7) | 0 | 0 | 0 | 0 |
| SB Stubb | 3.9 (6.8) | 0 | 0 | 0 | 0 |
| SG Stubb | 0 | 0 | 0 | 0 | 0 |
| Live Tree | 0 | 0 | 36.9 (21.4) | 15.6 (23.9) | 27.4 (26.3) |
| Dead Tree | 0 | 0 | 0 | 0 | 0 |
| Live Vine | 0 | 1.9 (4.3) | 5.0 (11.0) | 0.2 (0.7) | 4.2 (12.3) |
| Dead Vine | 0 | 0 | 0.5 (2.6) | 0 | 0 |
| Shrub | 0 | 0 | 1.1 (3.6) | 0.2 (0.7) | 0.3 (0.8) |
| 0.25m Density | 29.0 (41.8) | 23.8 (18.8) | 65.6 (26.3) | 31.4 (23.5) | 45.7 (29.2) |
| 1.25m Density | 0 | 0 | 55.4 (34.9) | 17.9 (33.0) | 40.4 (39.9) |
| 2.25m Density | 0 | 0 | 56.1 (37.8) | 16.3 (30.6) | 36.1 (37.9) |
| Canopy Cover | 0 | 0 | 34.1 (28.1) | 13.3 (26.2) | 27.0 (33.1) |
| VgHt (cm) | 4.8 (2.3) | 16.0 (14.6) | 25.3 (20.3) | 21.6 (22.1) | 20.9 (16.6) |
| WdyHt (m) | 0 | 0 | 3.1 (1.3) | 1.3 (1.9) | 2.2 (1.9) |

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| Table 25. Mean percentage (SD) of statistically different habitat values calculated separately for capture plots (trap locations where small mammals were captured), and non-capture plots (trap locations were small mammals were not captured) for all species, seasons, and treatments combined at the SREC study site in Rohwer, Arkansas, 2011. | | | |
| **Variable** | **Capture** | **Non-Capture** | **P-Value** |
| Dead Vine | 0.5 (2.5) | 0 | 0.0087 |
| 0.25m Density | 45.1 (32.0) | 37.4 (32.4) | 0.0817 |
| 1.25m Density | 28.6 (37.6) | 21.1 (34.5) | 0.0737 |
| 2.25m Density | 28.6 (38.9) | 19.7 (33.5) | 0.0897 |

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| Table 26. Mean seasonal percentage (SE) of habitat characteristics for all treatments combined at SF study site, Archibald, Louisiana, 2011 | | | | | |
| **Variable** | **Winter** | **Spring** | **Summer** | **Fall** | **Total** |
| Bare Ground | 2.7 (4.2) | 4.9 (7.4) | 7.1 (7.0) | 2.5 (4.7) | 4.3 (6.2) |
| Litter | 27.4 (30.9) | 16.6 (13.3) | 24.1 (17.4) | 44.9 (33.5) | 28.3 (27.1) |
| Live Graminoid | 16.3 (27.2) | 54.9 (31.5) | 58.2 (35.3) | 31.4 (32.9) | 40.2 (36.0) |
| Dead Graminoid | 49.2 (42.8) | 8.6 (18.2) | 13.6 (19.9) | 5.6 (10.7) | 19.3 (31.1) |
| Herbaceous | 16.7 (27.3) | 19.9 (23.2) | 6.9 (13.5) | 13.0 (21.0) | 14.1 (22.2) |
| Soybeans | 0 | 0 | 12.4 (27.5) | 0 | 3.1 (14.7) |
| SB Stubb | 0 | 0 | 0 | 0.5 (1.0) | 0.1 (0.5) |
| SG Stubb | 0 | 0 | 0 | 17.2 (24.9) | 4.3 (14.4) |
| Live Tree | 4.1 (6.6) | 6.5 (13.3) | 9.1 (17.1) | 6.2 (12.9) | 6.5 (13.0) |
| Dead Tree | 0 | 0 | 0 | 0 | 0 |
| Live Vine | 0 | 0.2 (0.6) | 0.3 (0.9) | 0.1 (0.4) | 0.1 (0.6) |
| Dead Vine | 0 | 0 | 0 | 0 | 0 |
| Shrub | 1.9 (6.4) | 1.5 (6.4) | 0.7 (3.2) | 0 | 1.1 (4.8) |
| 0.25m Density | 25.4 (20.1) | 60.9 (36.0) | 83.4 (22.9) | 48.1 (32.8) | 54.5 (35.4) |
| 1.25m Density | 0.1 (0.7) | 10.3 (19.9) | 56.1 (44.5) | 2.3 (4.6) | 17.2 (33.3) |
| 2.25m Density | 0 | 9.8 (19.7) | 23.4 (36.3) | 3.2 (6.8) | 9.1 (22.6) |
| Canopy Cover | 0 | 2.6 (11.0) | 7.6 (18.6) | 6.6 (12.9) | 4.2 (12.8) |
| VgHt (cm) | 11.3 (5.4) | 29.6 (18.7) | 73.0 (68.2) | 26.1 (26.9) | 35.0 (44.1) |
| WdyHt (m) | 0.6 (0.9) | 0.4 (0.9) | 0.6 (1.1) | 0.7 (1.3) | 0.6 (1.0) |

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| Table 27. Mean treatment percentage (SE) of habitat characteristics for all seasons combined at the SF study site, Archibald, Louisiana, 2011 | | | | | |
| **Variable** | **C1** | **S1** | **W1** | **SW1** | **WS1** |
| Bare Ground | 7.1 (6.9) | 4.9 (5.8) | 0.9 (2.7) | 6.3 (8.1) | 2.4 (4.2) |
| Litter | 18.4 (19.0) | 44.1 (31.7) | 14.9 (12.0) | 41.1 (29.9) | 22.8 (25.0) |
| Live Graminoid | 19.2 (24.3) | 42.2 (40.4) | 53.3 (29.6) | 42.3 (37.3) | 43.9 (38.7) |
| Dead Graminoid | 9.0 (18.8) | 8.7 (23.2) | 31.3 (35.9) | 17.2 (30.5) | 30.1 (36.5) |
| Herbaceous | 25.3 (29.5) | 17.0 (23.3) | 9.2 (17.9) | 9.3 (16.0) | 9.7 (17.8) |
| Soybeans | 15.5 (30.1) | 0 | 0 | 0 | 0 |
| SB Stubb | 0.6 (1.1) | 0 | 0 | 0 | 0 |
| SG Stubb | 0 | 9.2 (18.8) | 0 | 7.1 (17.5) | 5.2 (18.3) |
| Live Tree | 0 | 0 | 11.2 (10.9) | 8.4 (16.4) | 12.9 (18.0) |
| Dead Tree | 0 | 0 | 0 | 0 | 0 |
| Live Vine | 0.1 (0.4) | 0.1 (0.4) | 0 | 0.4 (0.9) | 0.1 (0.6) |
| Dead Vine | 0 | 0 | 0 | 0 | 0 |
| Shrub | 0 | 0 | 1.5 (4.3) | 0.1 (0.4) | 3.7 (9.5) |
| 0.25m Density | 24.6 (33.3) | 57.5 (37.5) | 60.6 (24.1) | 61.7 (32.2) | 68.1 (32.8) |
| 1.25m Density | 0 | 22.2 (42.2) | 14.9 (23.4) | 24.7 (39.1) | 24.3 (37.2) |
| 2.25m Density | 0 | 2.2 (13.3) | 17.6 (29.6) | 9.2 (23.1) | 16.5 (27.6) |
| Canopy Cover | 0 | 0 | 3.2 (7.4) | 7.3 (18.7) | 10.5 (18.8) |
| VgHt (cm) | 8.7 (6.2) | 48.1 (59.3) | 29.6 (16.9) | 45.9 (58.1) | 42.7 (40.5) |
| WdyHt (m) | 0 | 0 | 1.3 (1.1) | 0.7 (1.2) | 1.1 (1.2) |

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| Table 28. Mean percentage (SD) of statistically different habitat characteristics calculated separately for capture plots (trap locations where small mammals were captured), and non-capture plots (trap locations were small mammals were not captured) for all species, seasons, and treatments combined at the SF study site, Archibald, Louisiana, 2011. | | | |
| **Variable** | **Capture** | **Non-Capture** | **P-Value** |
| Bare Ground | 5.2 (5.9) | 4.2 (6.3) | 0.0746 |
| Live Graminoid | 55.6 (39.5) | 38.1 (35.2) | 0.0561 |
| Dead Graminoid | 13.0 (30.5) | 20.1 (31.2) | 0.0979 |
| 0.25m Density | 71.2 (36.2) | 52.3 (34.8) | 0.0168 |
| 2.25m Density | 2.1 (6.8) | 10.0 (23.8) | 0.0993 |
| Canopy Cover | 0 | 4.7 (13.6) | 0.0259 |