



Taking of Life Inventory

Technical Work Group Meeting
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Fish Takes

Species	Total Mortalities for 2017
Black Bullhead	16
Bluehead Sucker	9
Bluegill sunfish	1
Brown Trout	872
Channel Catfish	35
Common Carp	4
Fathead Minnow	59
Flannelmouth Sucker	52
Green Sunfish	2016
Gizzard Shad	2
Humpback Chub	#54
Plains Killifish	2
Rainbow Trout	*29
Red Shiner	1
Speckled Dace	37
Smallmouth Bass	1
Striped Bass	2
Walleye	1
Total	3164

■ – required to be taken under NPS permit

- most under 80mm total length

* - > 150mm (does not include $\approx 200 < 80$ mm)

Bug Takes

Bug takes have an uncertainty of $\pm 10\%$ in terms of counts and $\pm 20\%$ in terms of biomass

For FY 2017:

- **Drift samples: ~580,000 individuals across 424 samples, total biomass ~ 8 g**
- **Light trap samples: ~550,000 individuals across 806 samples, total biomass ~ 50 g**
- **Sticky trap samples: ~44,000 individuals across 1284 samples, total biomass ~ 2 g**

Total: ~1,170,000 invertebrate individuals, representing ~ 60 g of dry biomass

60 g is approximately the weight of a golf ball, or 1/4 of an 8oz steak, or 20% the weight of a decent-sized trout

Plant Takes

Estimates of plant takes have no uncertainty

- Total from 2012-2017: 95 individuals from 48 different species
 - Saltmarsh aster
 - Prairie grass
 - Lovegrass
- } most commonly removed species
- Spreadsheet of each plant take is available
 - Date
 - Species
 - Site Name
 - River Mile