

Homosassa River
Shoreline and SAV
Mapping 2008

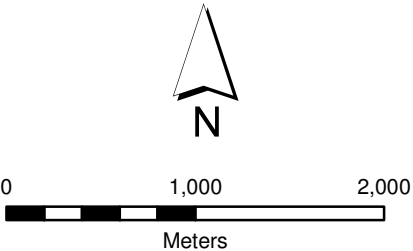


SAV Species Distribution

Figure 12

Legend

-  Mixed Seagrasses
-  Homosassa Shoreline



Homosassa River Shoreline and SAV Mapping 2008

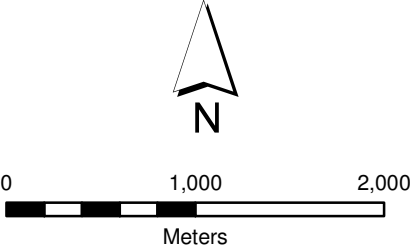


SAV Species Distribution

Figure 13

Legend

- Algae
- ~ Algae
- ▨ Algae
- ~ Homosassa Shoreline



Homosassa River
Shoreline and SAV
Mapping 2008

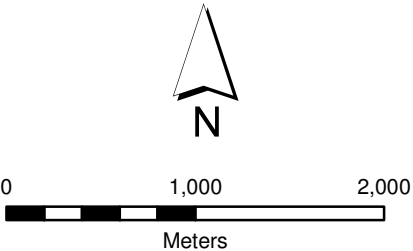


SAV Species Distribution

Figure 14

Legend

- Other Species
- ~ Homosassa Shoreline



Appendix B

Shoreline EAV along the Homosassa River

Homosassa River Shoreline Mapping 2008

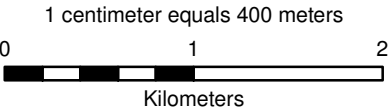


Distribution of Shoreline Vegetation

Figure 1

Legend

-  Leather Fern
(*Acrostichum sp.*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

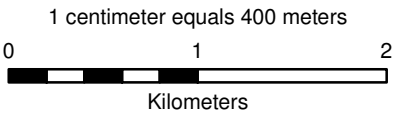


Distribution of Shoreline Vegetation

Figure 2

Legend

-  Southern Hempweed
(*Amaranthus australis*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

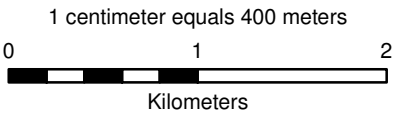


Distribution of Shoreline Vegetation

Figure 3

Legend

-  Giant Reed
(*Arundo donax*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 4

Legend

-  Seaside Oxeye Daisy
(*Borrchia frutescens*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 5

Legend

- Sawgrass
(*Cladium jamaicense*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 6

Legend

- Wild Taro
(*Colocasia esculenta*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 7

Legend

-  Swamp Lily
(*Crinum americanum*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

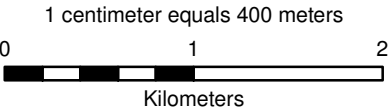


Distribution of Shoreline Vegetation

Figure 8

Legend

-  Black Needlerush
(Juncus roemerianus)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

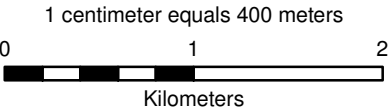


Distribution of Shoreline Vegetation

Figure 9

Legend

-  Bull-tongue Arrowhead
(Sagittaria lancifolia)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

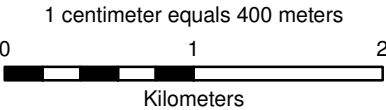


Distribution of Shoreline Vegetation

Figure 10

Legend

-  Pickleweed
(Salicornia virginica)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

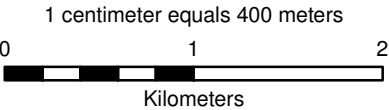


Distribution of Shoreline Vegetation

Figure 11

Legend

-  Soft-stem Bulrush
(Scirpus validus)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

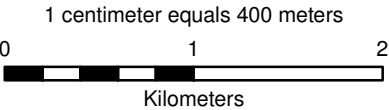


Distribution of Shoreline Vegetation

Figure 12

Legend

-  Bulrush
(Scirpus sp.)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

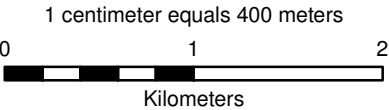


Distribution of Shoreline Vegetation

Figure 13

Legend

-  Shoreline Seapurslane
(*Sesuvium portulacastrum*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

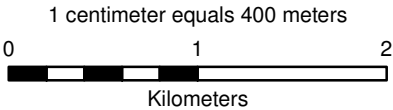


Distribution of Shoreline Vegetation

Figure 14

Legend

-  Saltmarsh Cordgrass
(*Spartina alterniflora*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

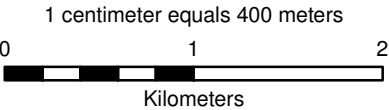


Distribution of Shoreline Vegetation

Figure 15

Legend

-  Cattails
(*Typha sp.*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

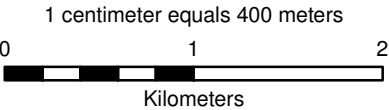


Distribution of Shoreline Vegetation

Figure 16

Legend

- Grasses
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

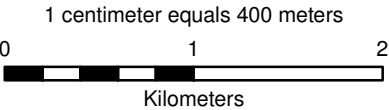


Distribution of Shoreline Vegetation

Figure 18

Legend

-  Bare Areas
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Appendix C

Shoreline Woody Vegetation along the Homosassa River

Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 1

Legend

-  Red Maple
(*Acer rubrum*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 2

Legend

-  Black Mangrove
(*Avicennia germinans*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 3

Legend

-  Saltbush
(Baccharis sp.)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 4

Legend

-  Water Hickory
(*Carya Aquatica*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 5

Legend

-  Australian Pine
(*Casuarina sp.*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline





Homosassa River Shoreline Mapping 2008

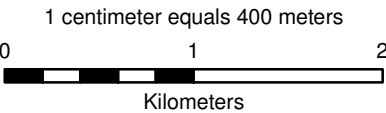


Distribution of Shoreline Vegetation

Figure 6

Legend

-  Buttonbush
(Conocarpus erectus)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 7

Legend

- Dogwood
(*Cornus foemina*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008

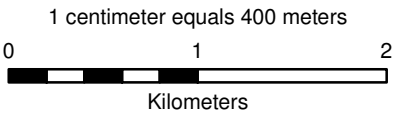


Distribution of Shoreline Vegetation

Figure 8

Legend

- Ash
(*Fraxinus sp.*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 9

Legend

- Holly
(*Ilex sp.*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 10

Legend

-  Marsh Elder
(*Iva frutescens*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 11

Legend

-  Red Cedar
(*Juniperus virginiana*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 12

Legend

- Sweet Gum
(Liquidambar styraciflua)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 13

Legend

- Christmas Berry
(*Lycium carolinianum*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 14

Legend

-  Sweetbay Magnolia
(*Magnolia virginiana*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 15

Legend

-  Wax Myrtle
(Myrica cerifera)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 16

Legend

-  Red Bay
(Persea borbonia)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 17

Legend

- Swamp Bay
(Persea palustris)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 18

Legend

- Laurel Oak
(*Quercus laurifolia*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline





Homosassa River Shoreline Mapping 2008

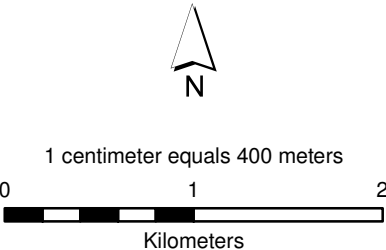


Distribution of Shoreline Vegetation

Figure 19

Legend

-  Live Oak
(Quercus virginiana)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 20

Legend

- Other Oaks (including hybrids)
(*Quercus* sp.)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 21

Legend

-  Red Mangrove
(*Rhizophora mangle*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 22

Legend

- Cabbage Palm
(*Sabal palmetto*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 23

Legend

-  Carolina Willow
(*Salix caroliniana*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline





Homosassa River Shoreline Mapping 2008

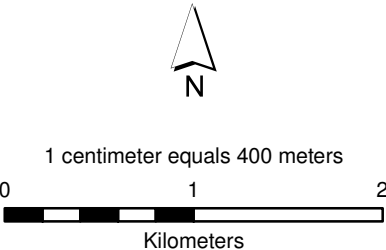


Distribution of Shoreline Vegetation

Figure 24

Legend

-  Brazilian Pepper
(Schinus terebinthifolius)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Data Source:
PBS&J, SWFWMD
SWFWMD 2007 Aerials

Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 25

Legend

- Saw Palmetto
(*Serenoa repens*)
- Halls River Centerline
- Homosassa River Centerline
- Homosassa Shoreline



Homosassa River Shoreline Mapping 2008



Distribution of Shoreline Vegetation

Figure 26

Legend

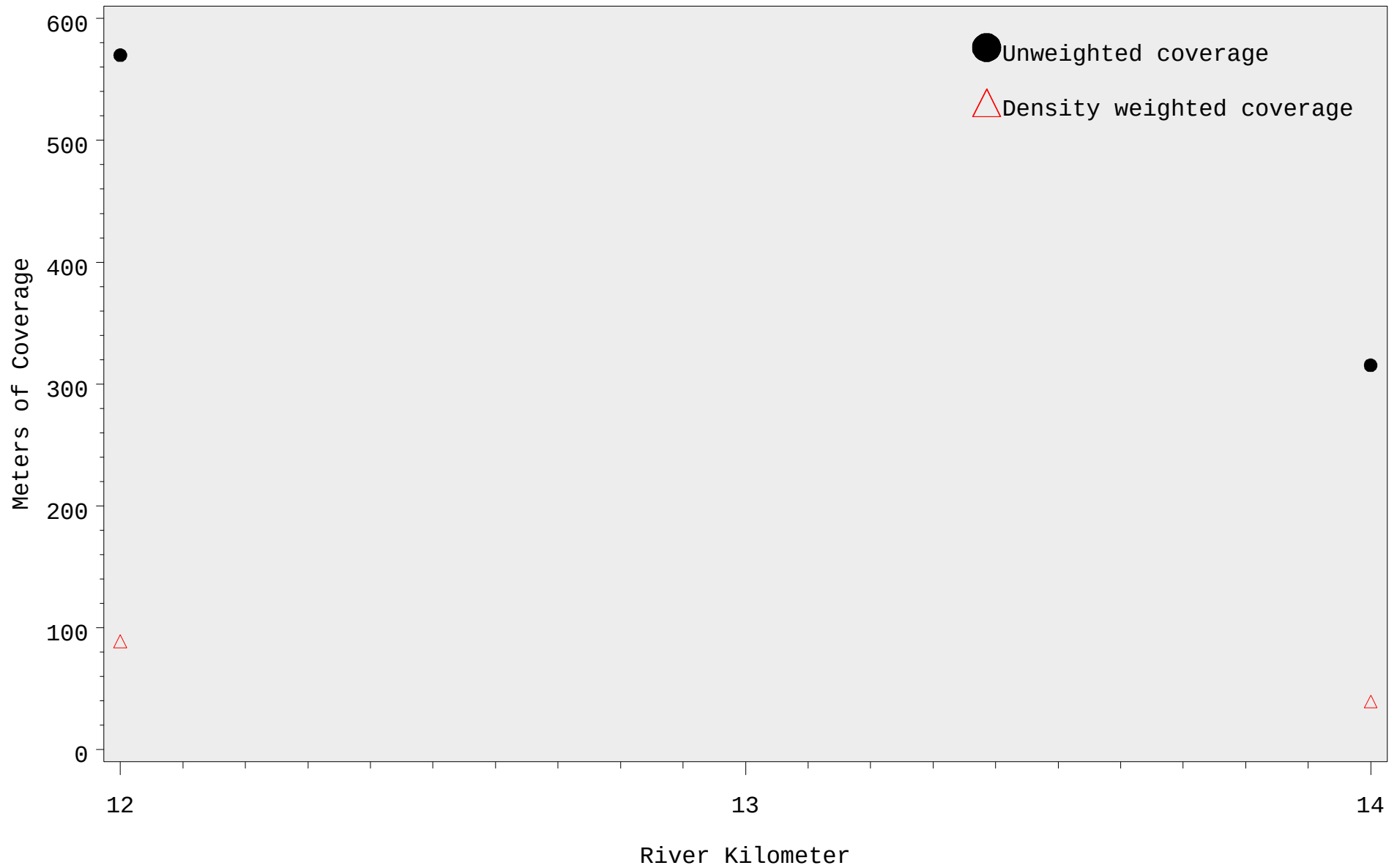
-  American Elm
(*Ulmus americana*)
-  Halls River Centerline
-  Homosassa River Centerline
-  Homosassa Shoreline



Appendix D

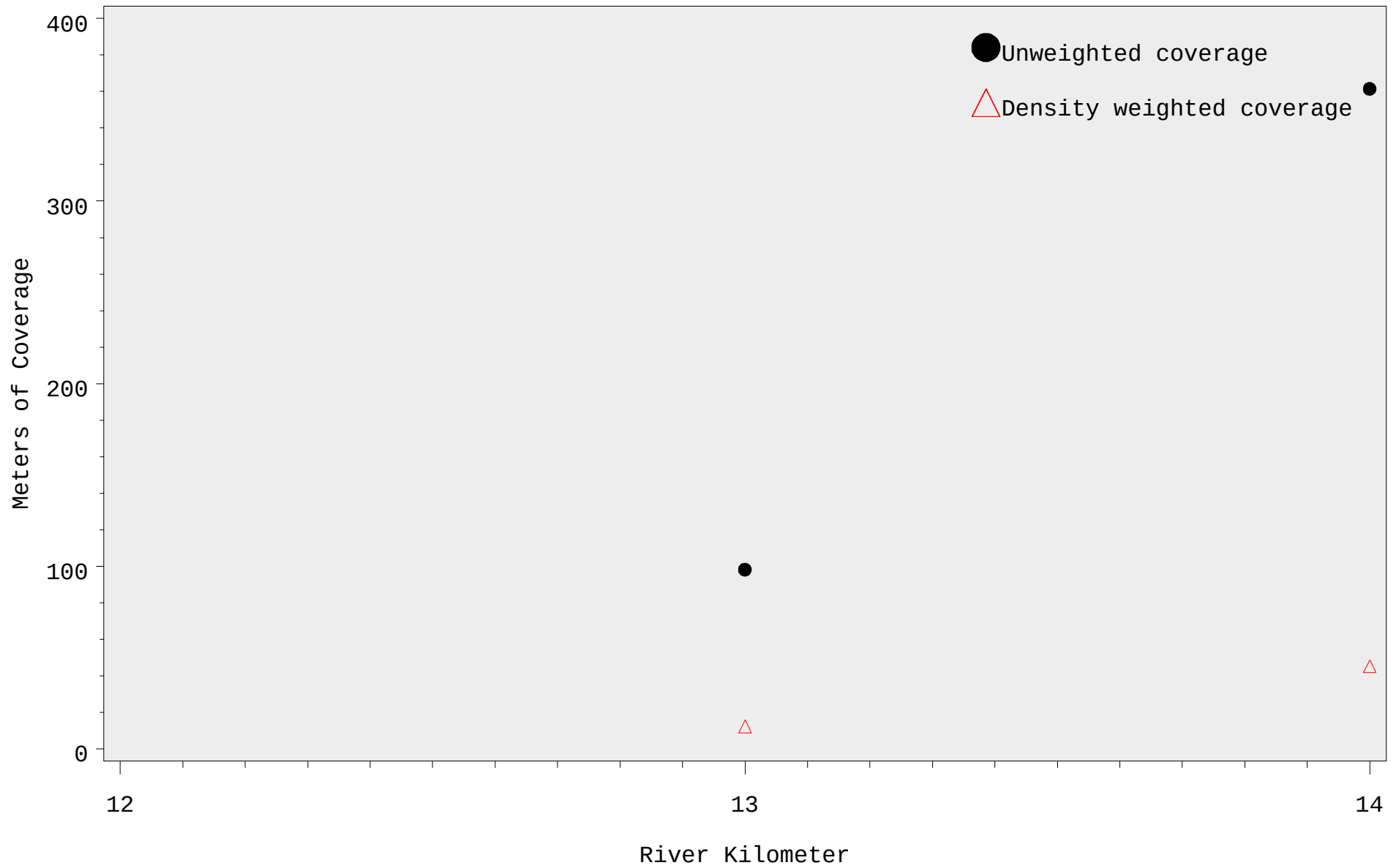
**Plots of River KM for
Shoreline Vegetation
along the Homosassa River**

Scientific Name=Acer rubrum



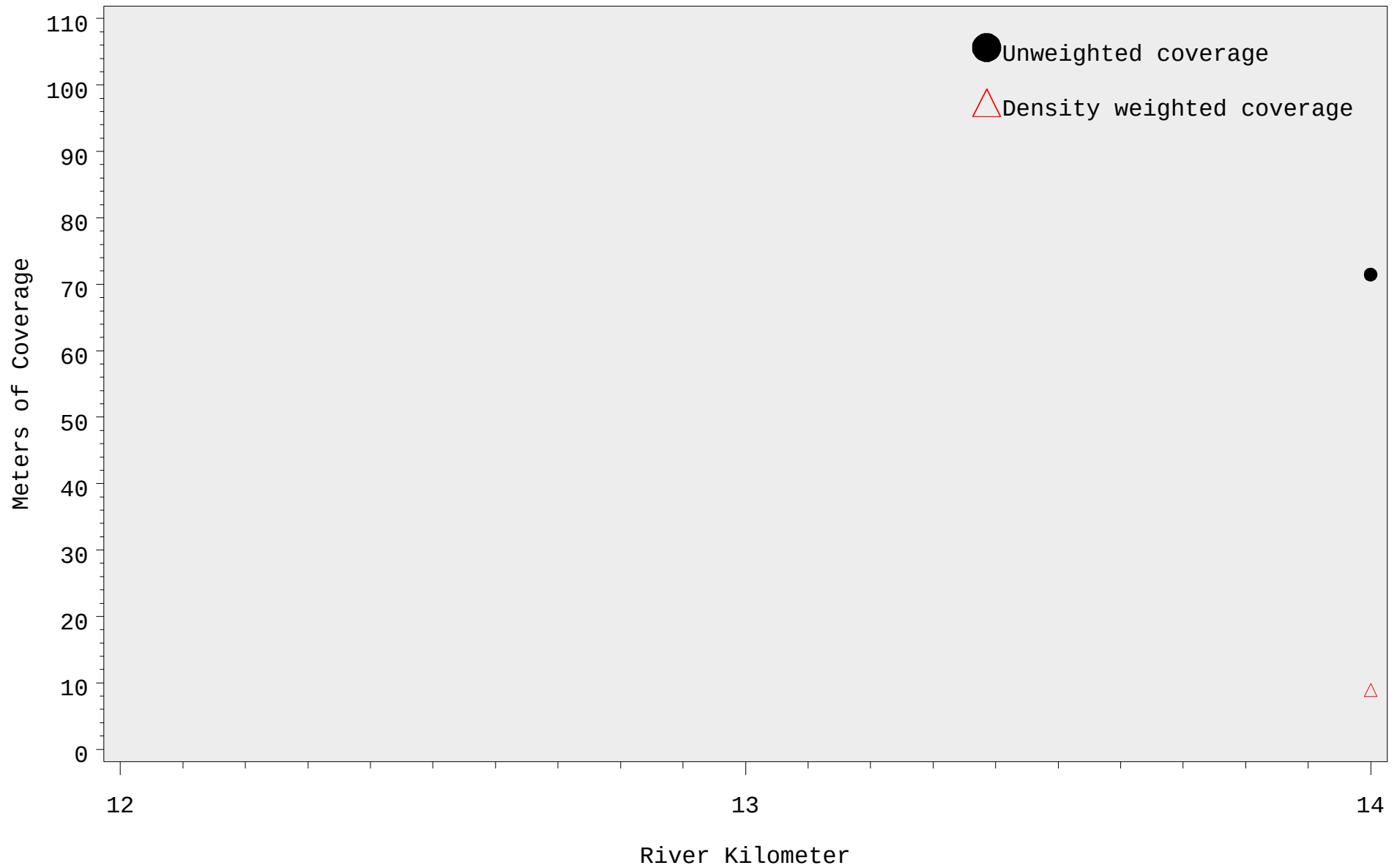
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Achrostichum spp.



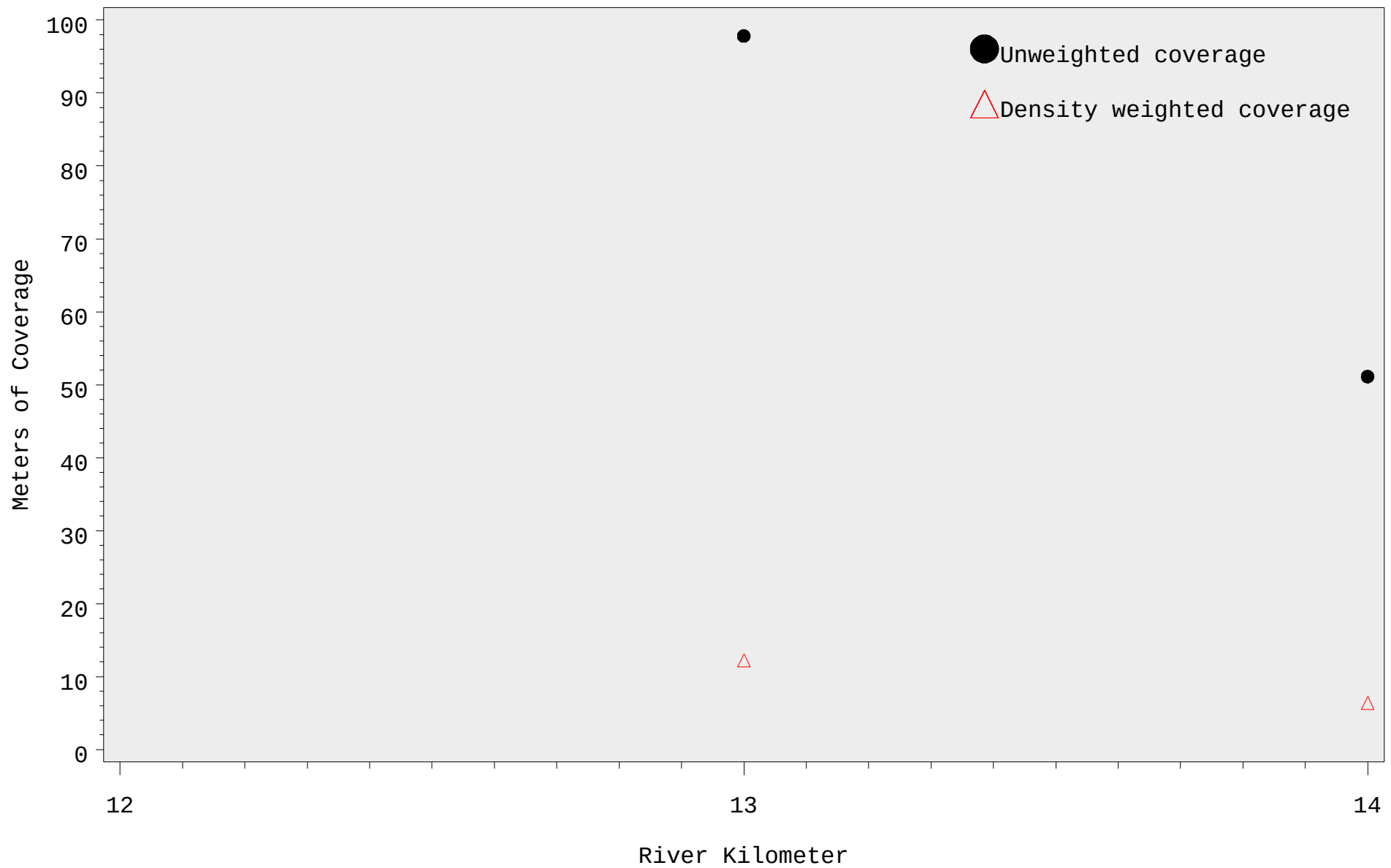
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Arundo donax



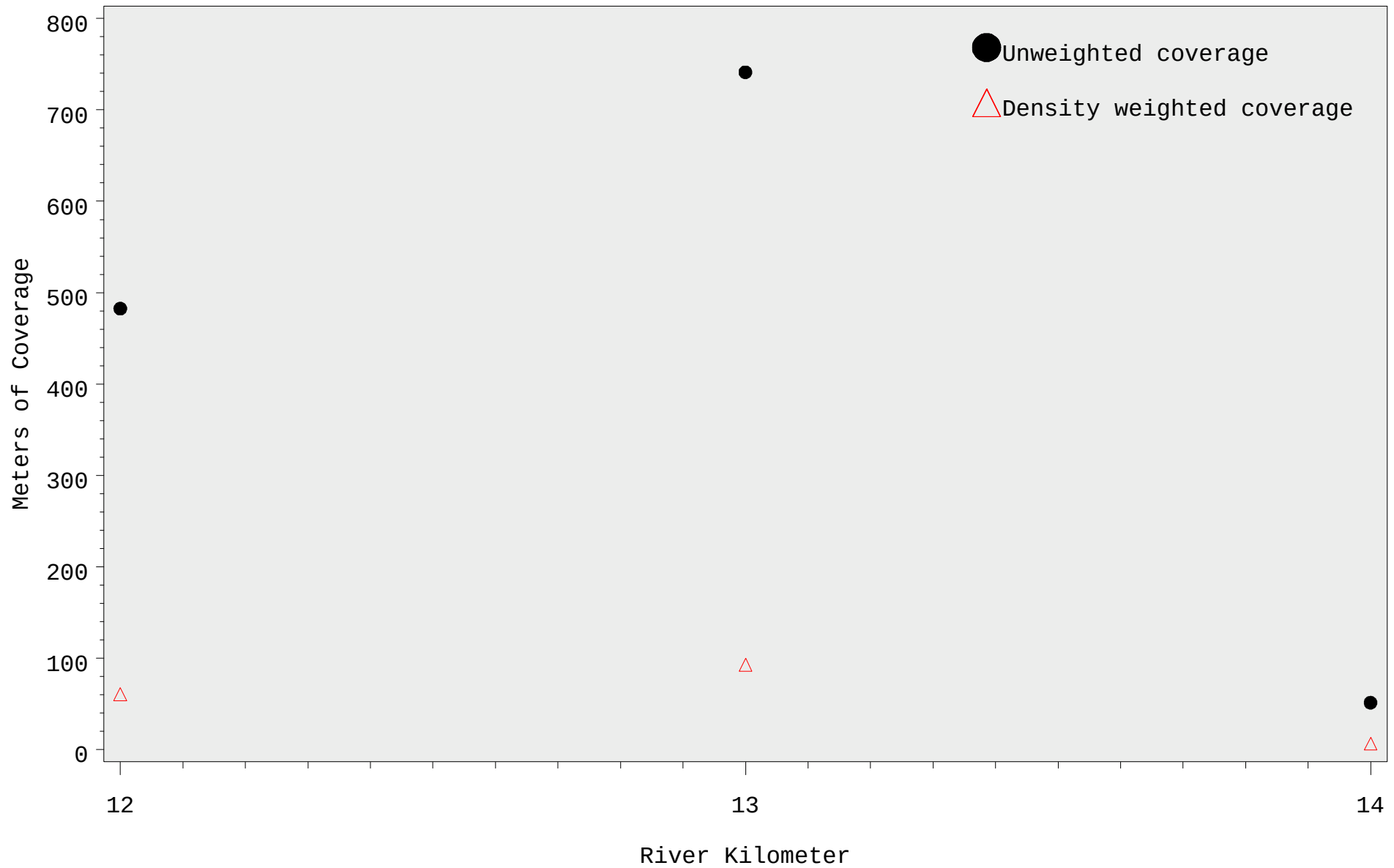
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Baccharis angustifolia



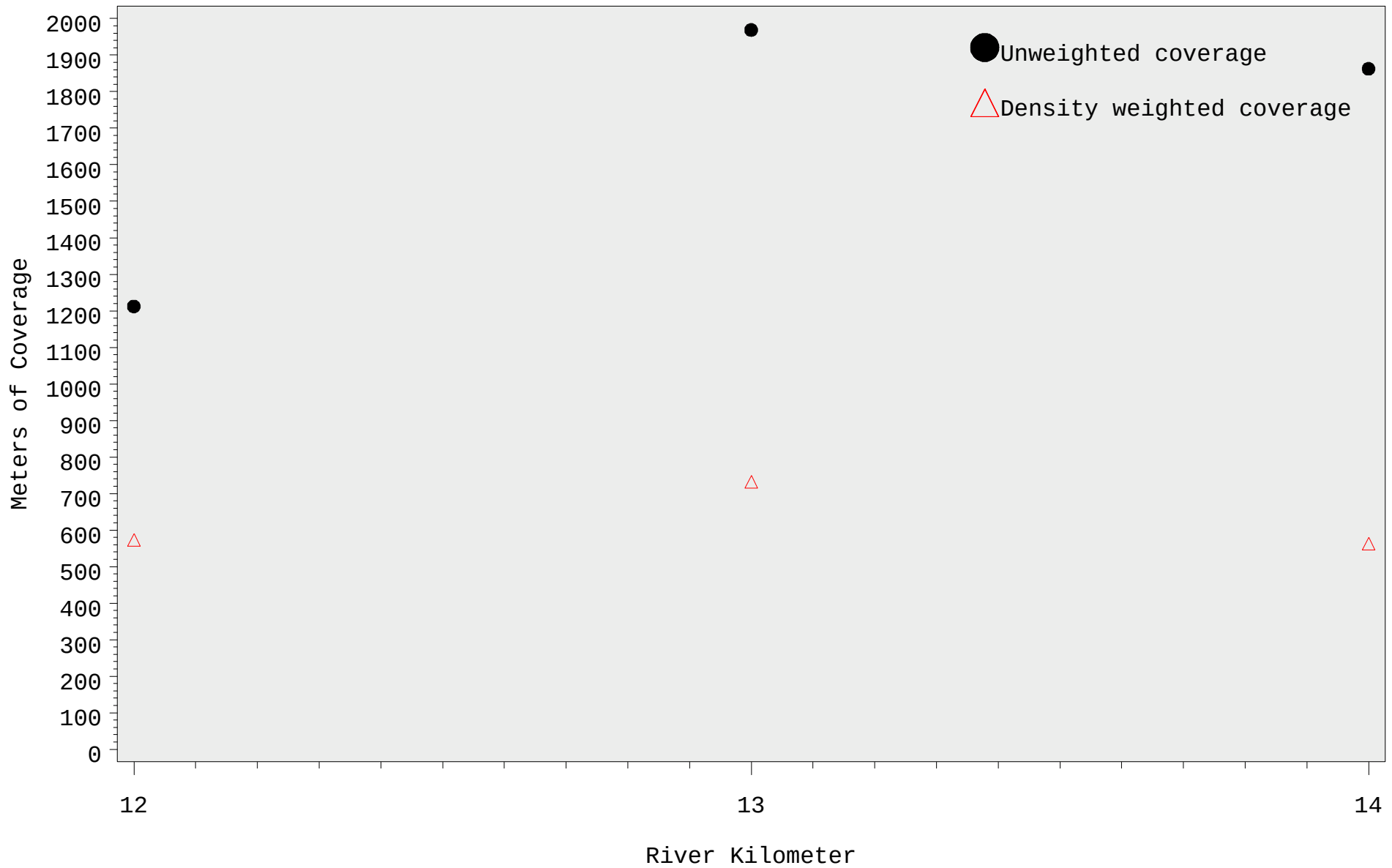
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Baccharis halimifolia/gomerulifolia



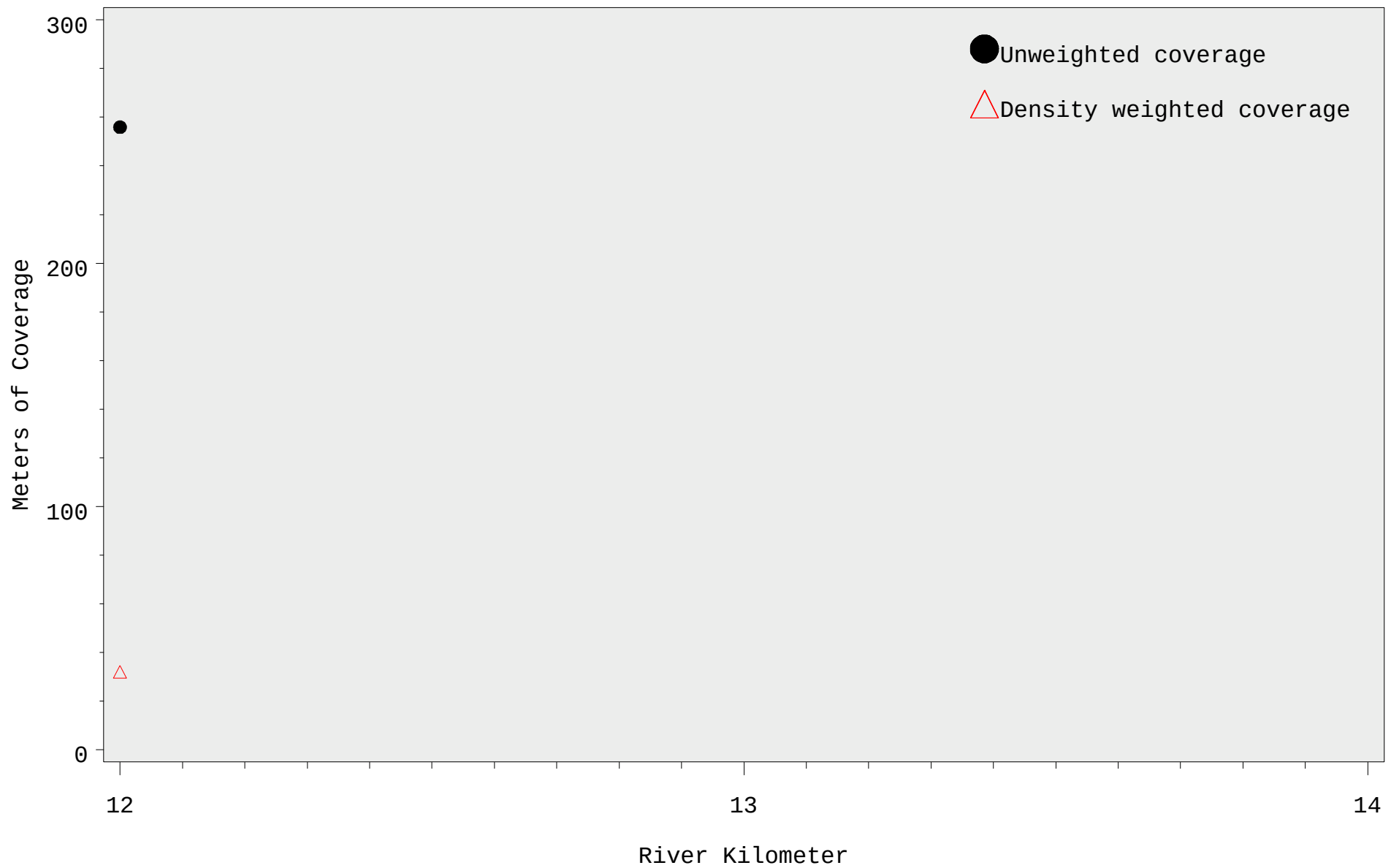
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Cladium jamaicense



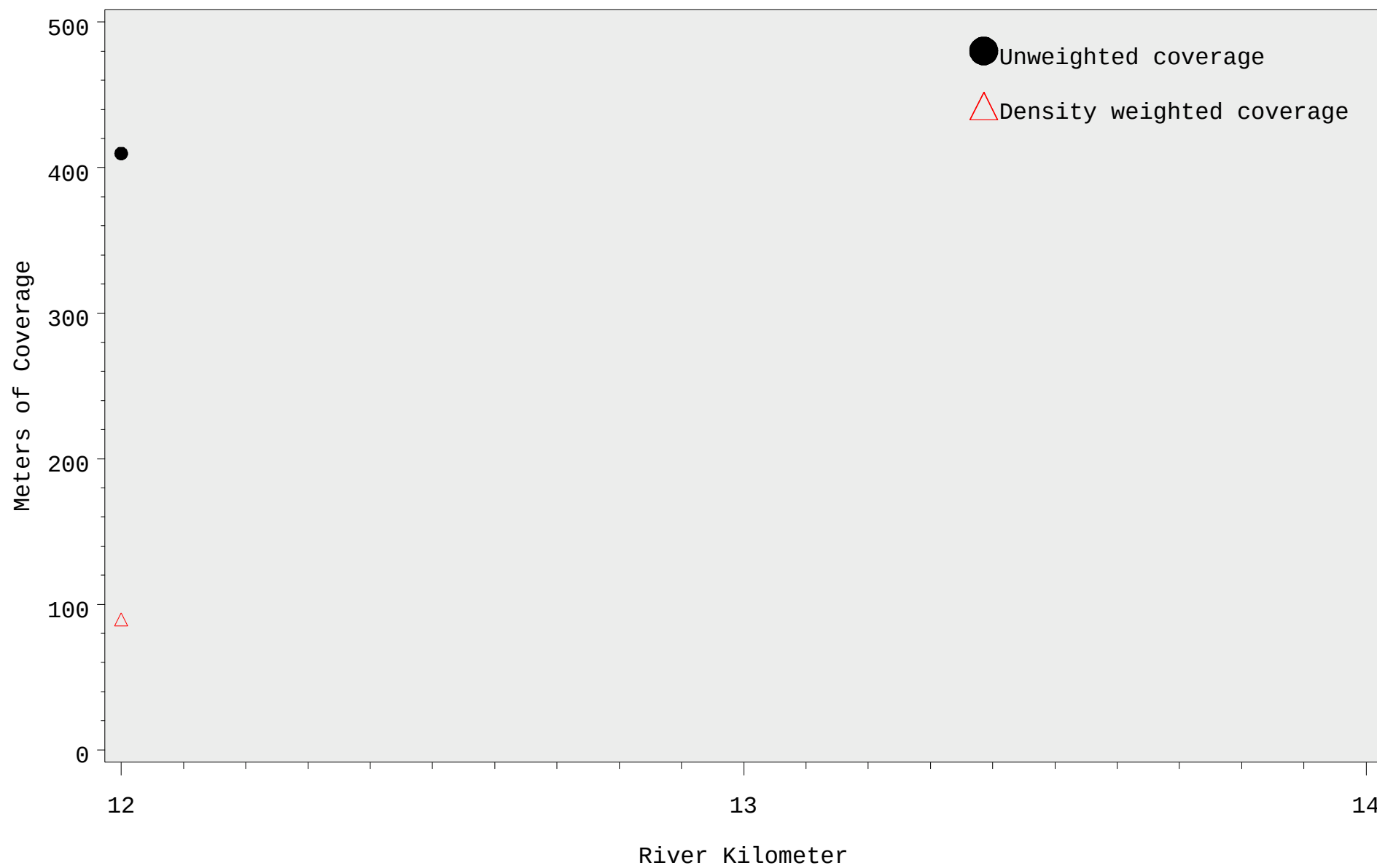
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Crinum americana



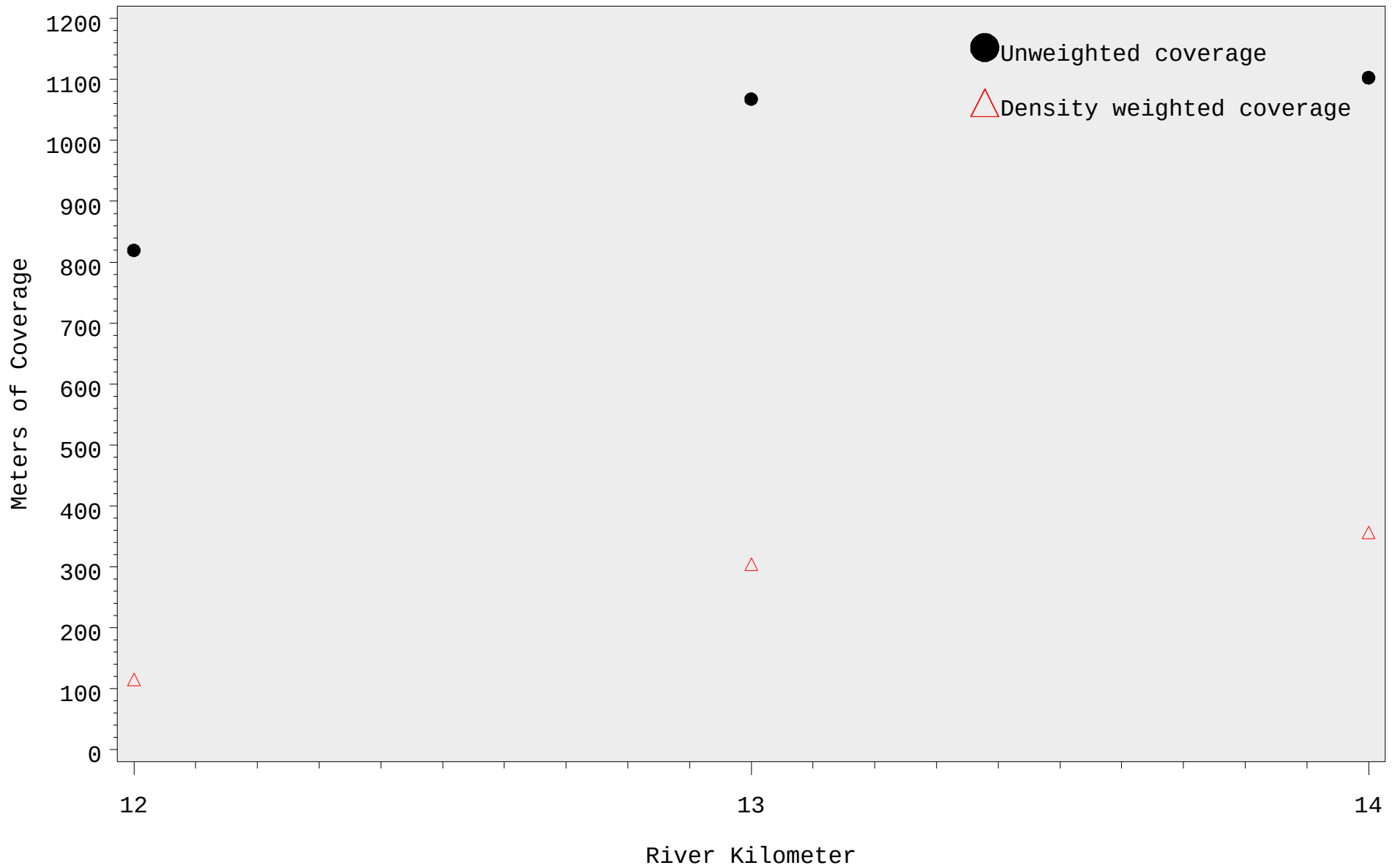
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Fraxinus caroliniana



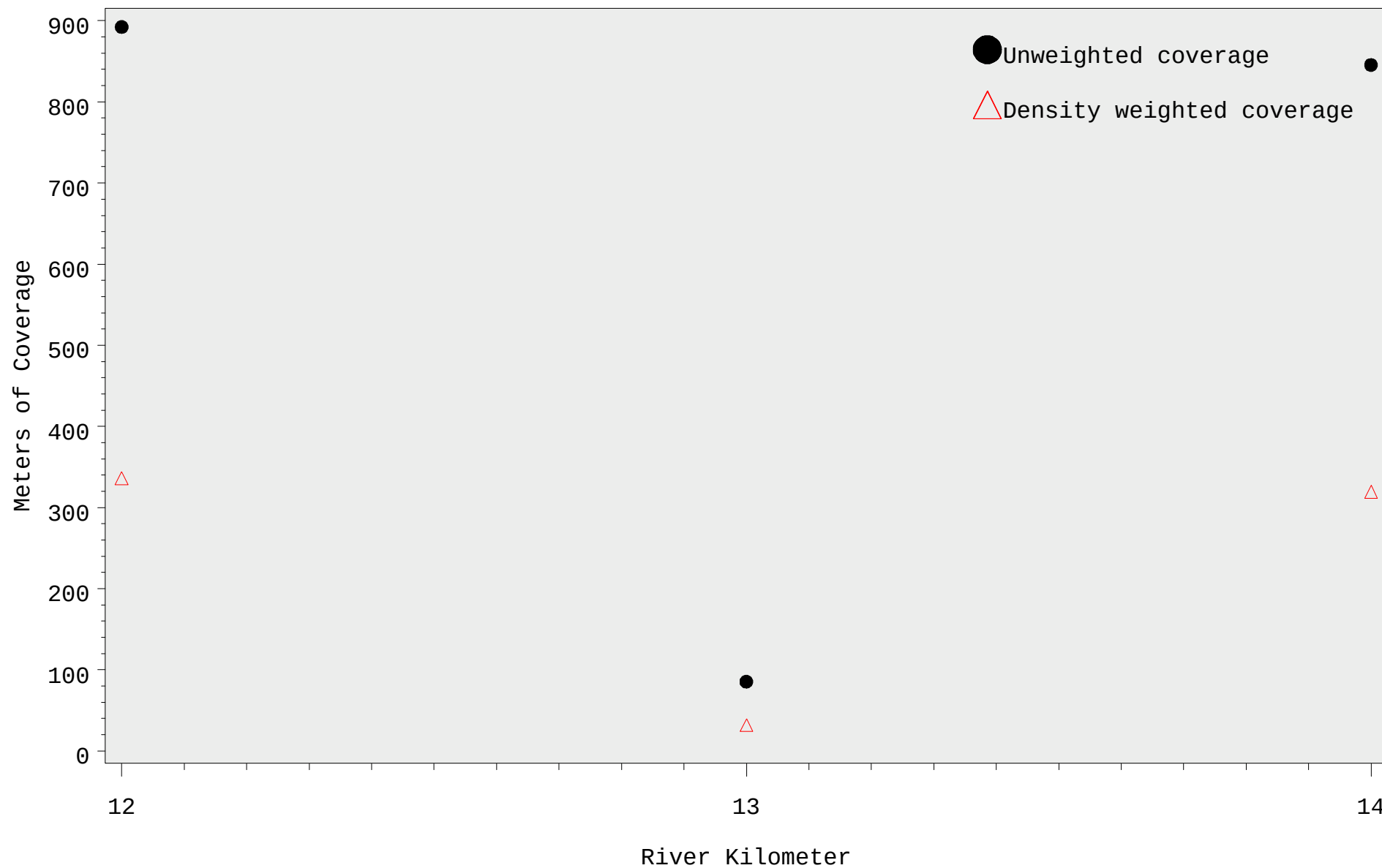
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Juncus roemerianus*



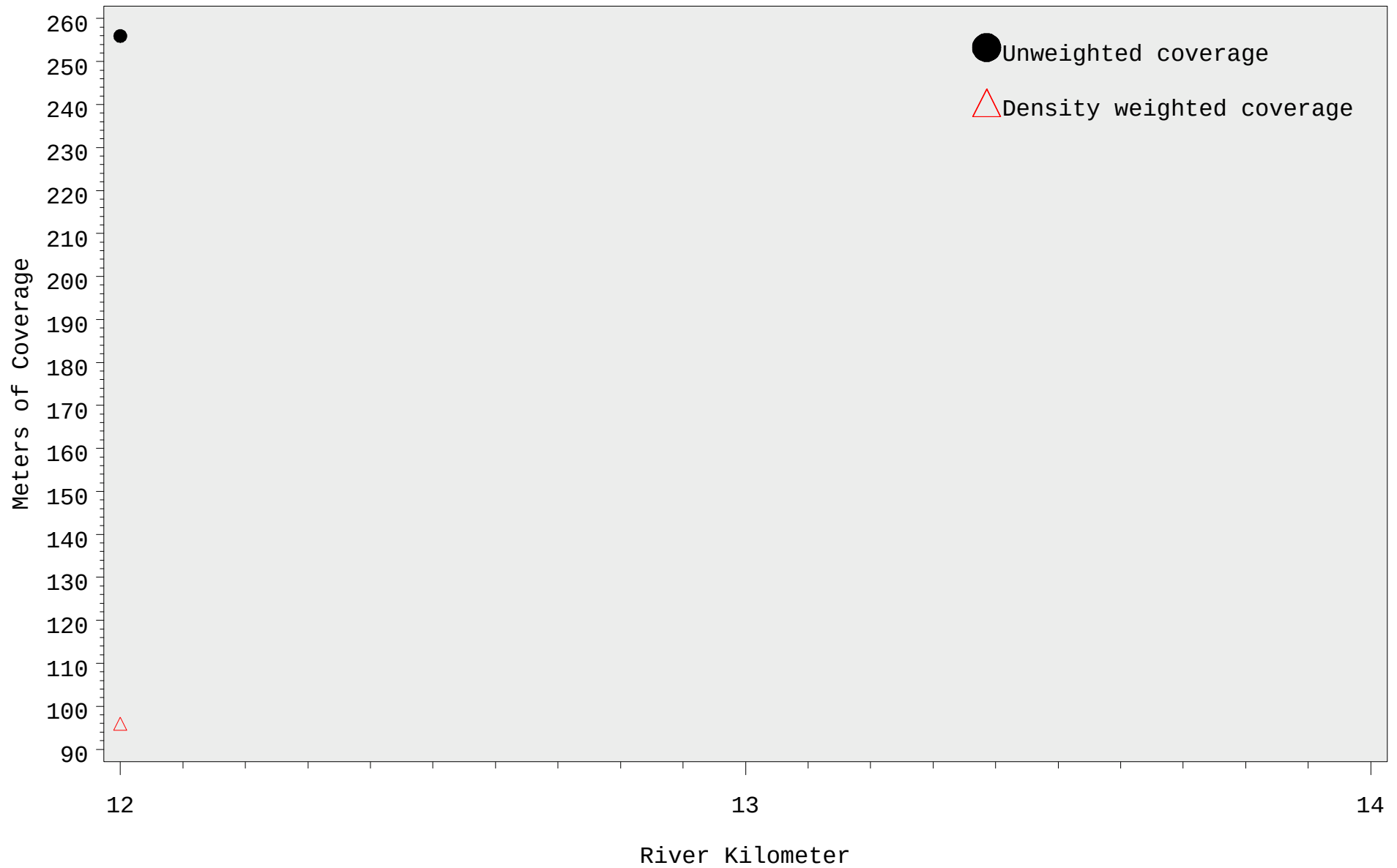
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Juniperus virginiana



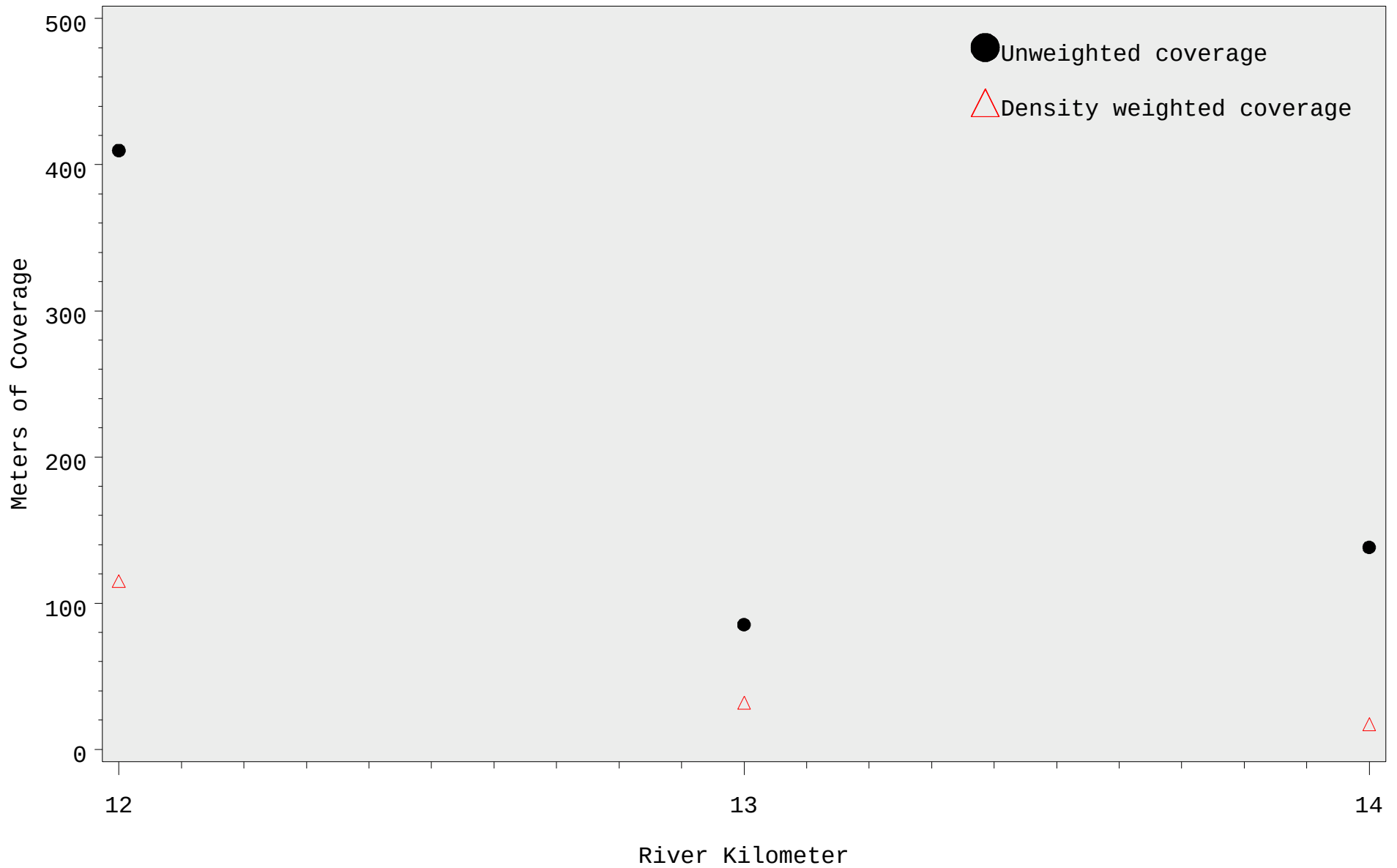
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Liquidambar styraciflua



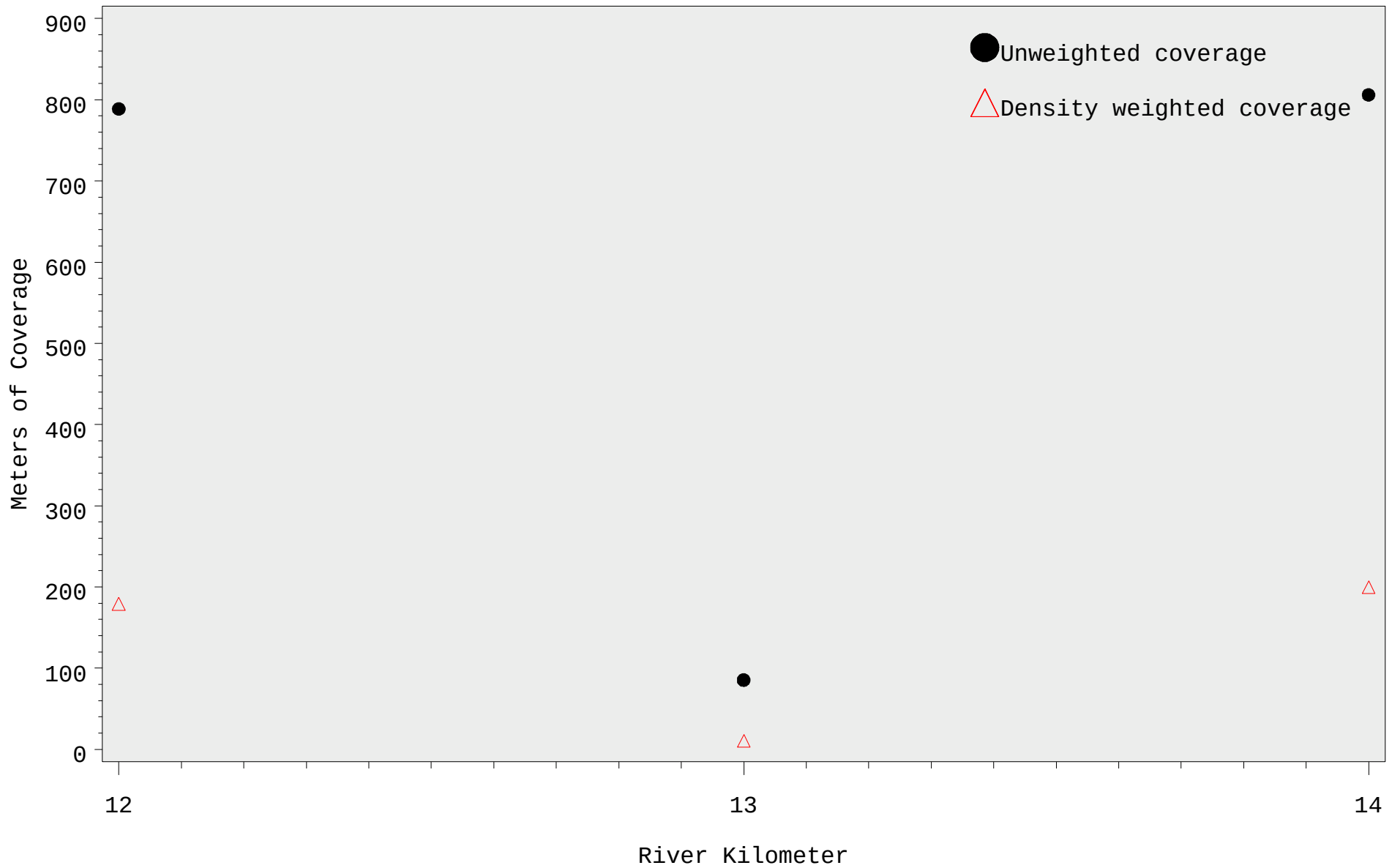
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Magnolia virginiana



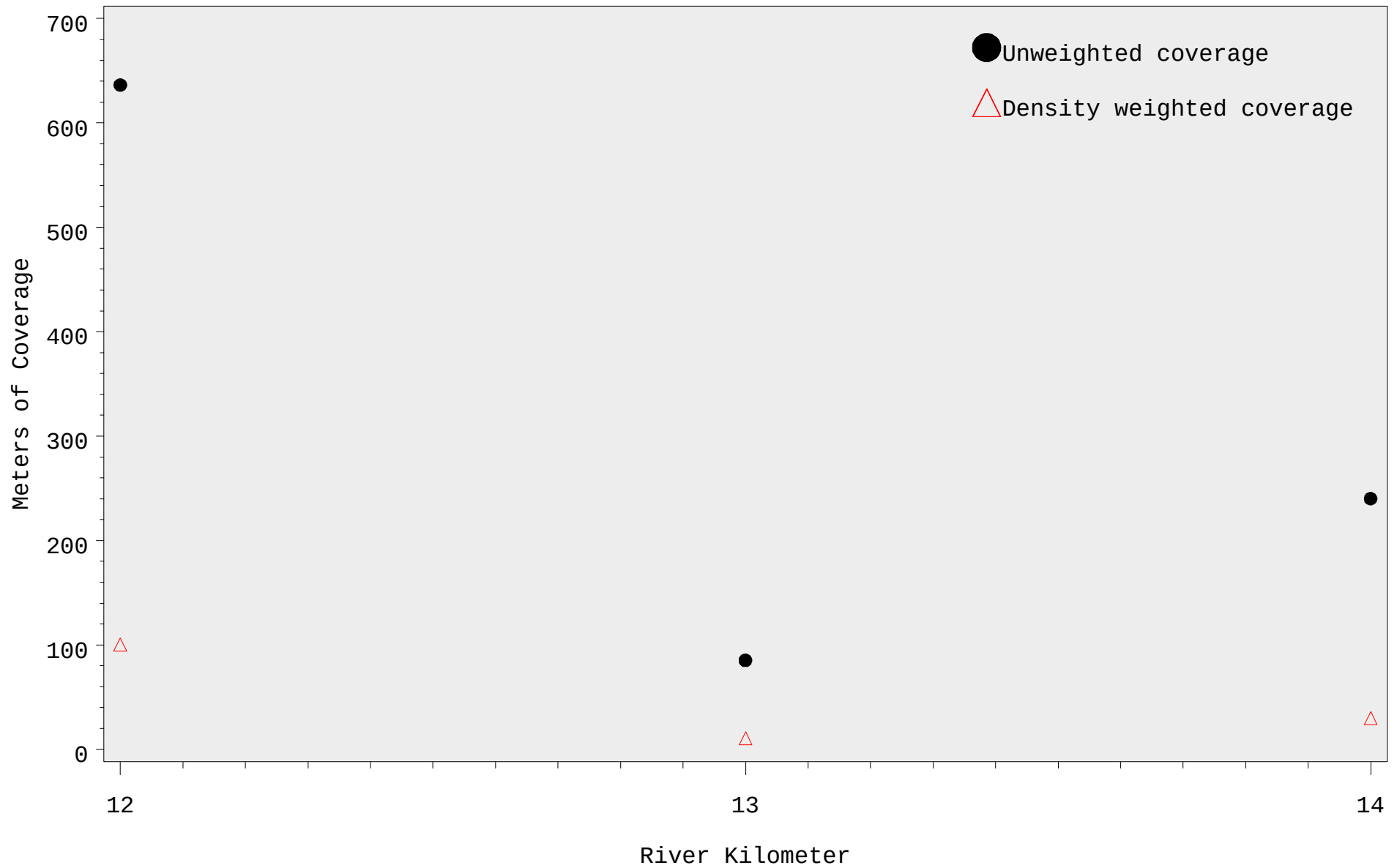
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Myrica cerifera*



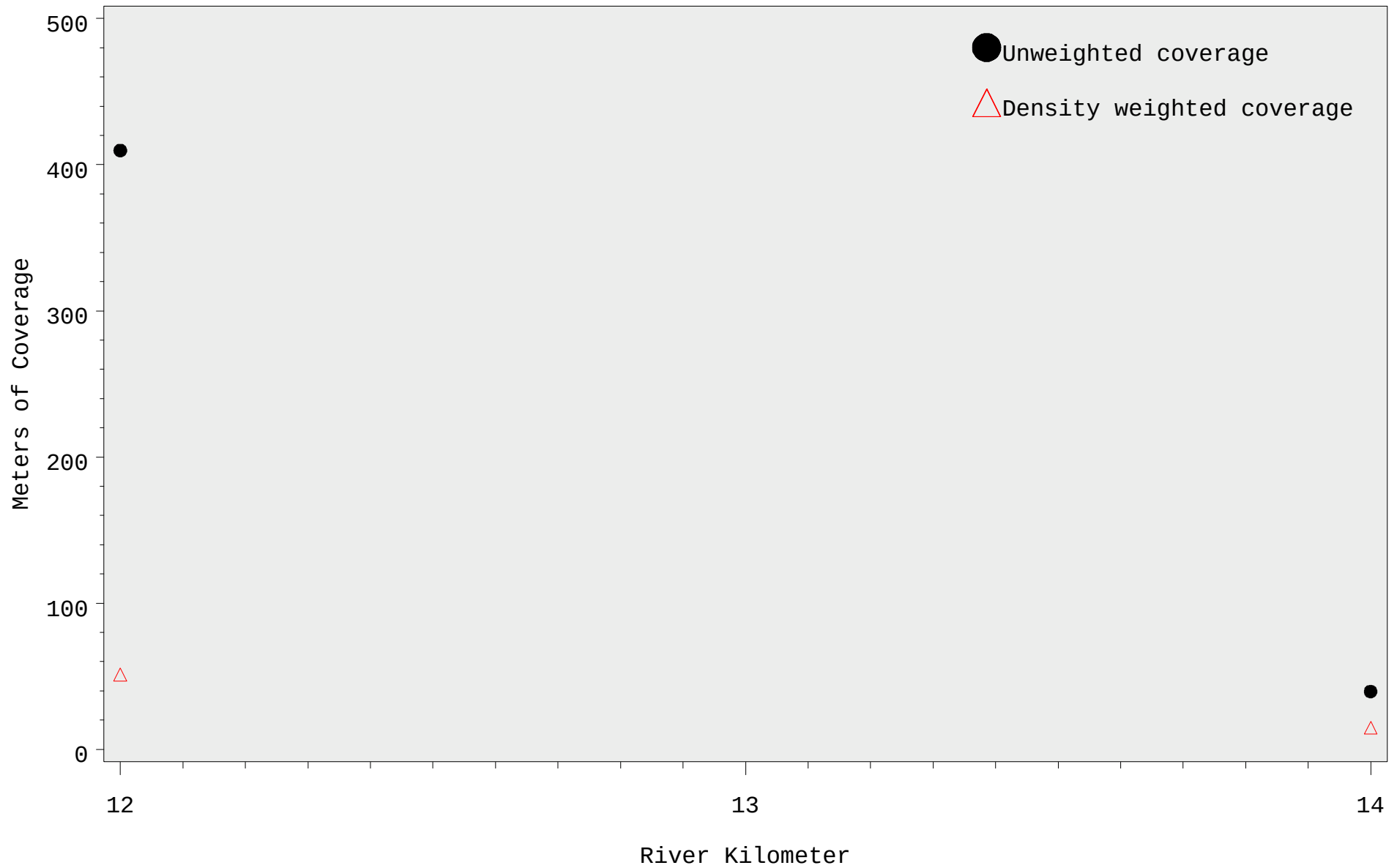
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Persea paulustris*



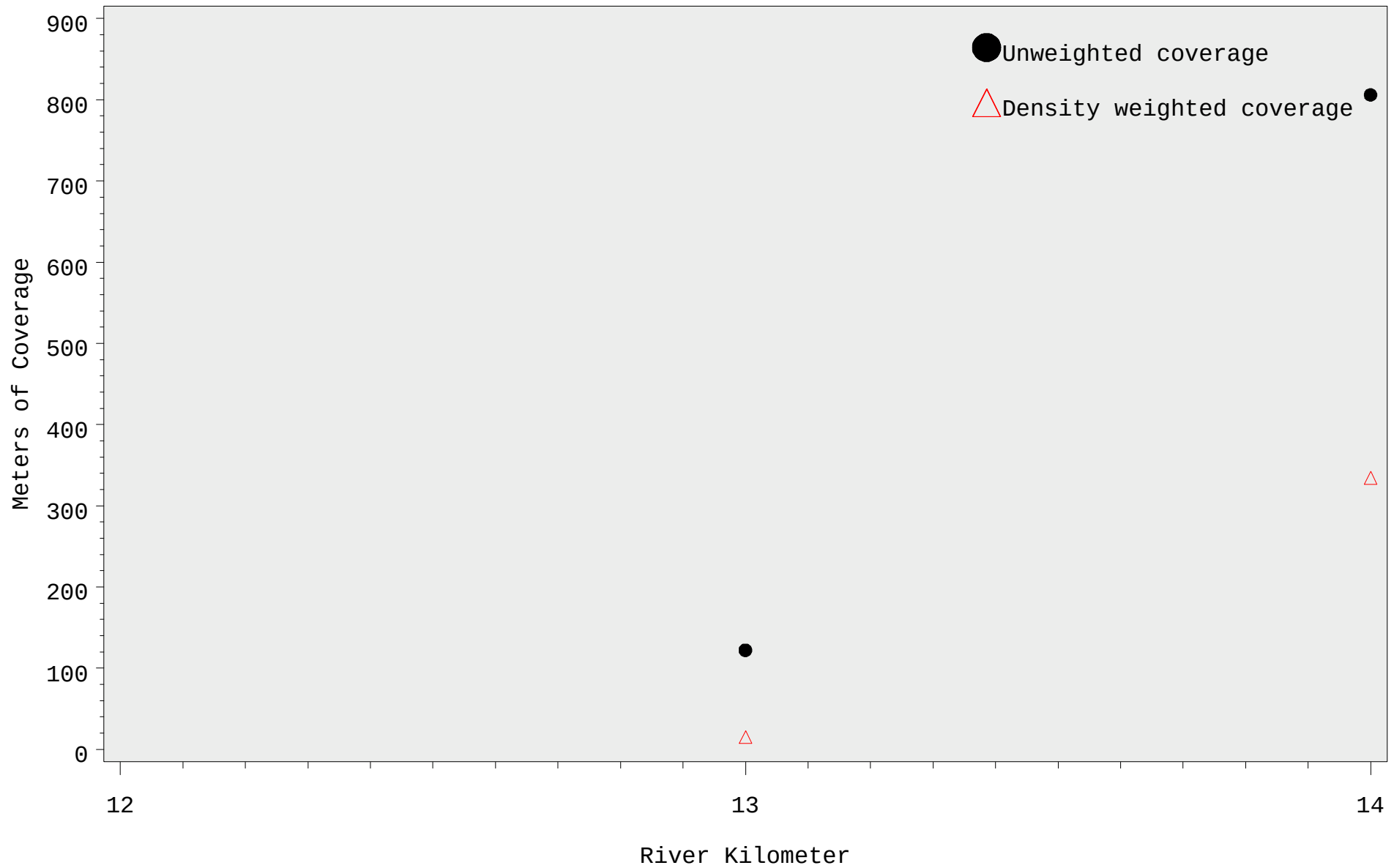
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Quercus laurifolia



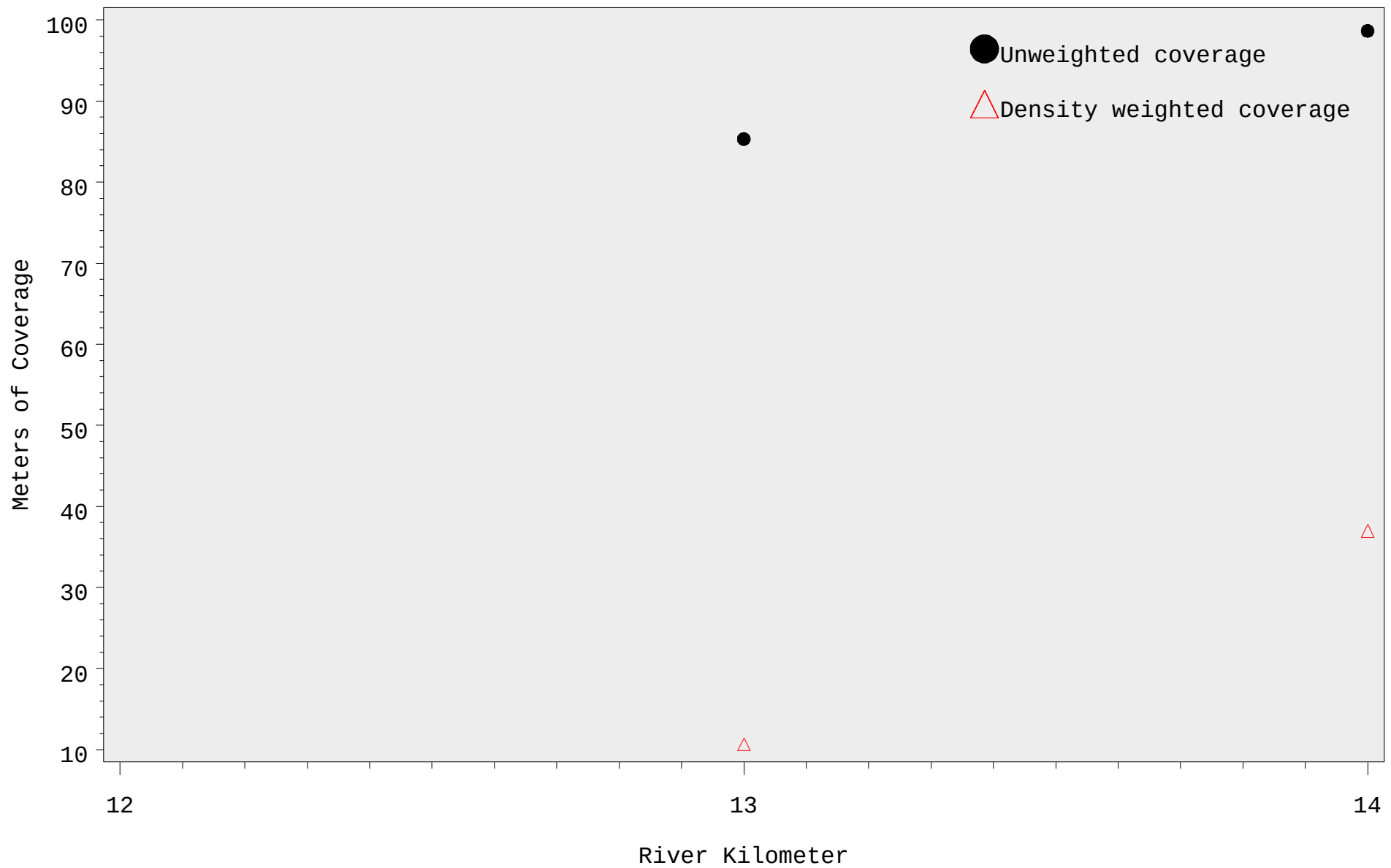
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Quercus spp.



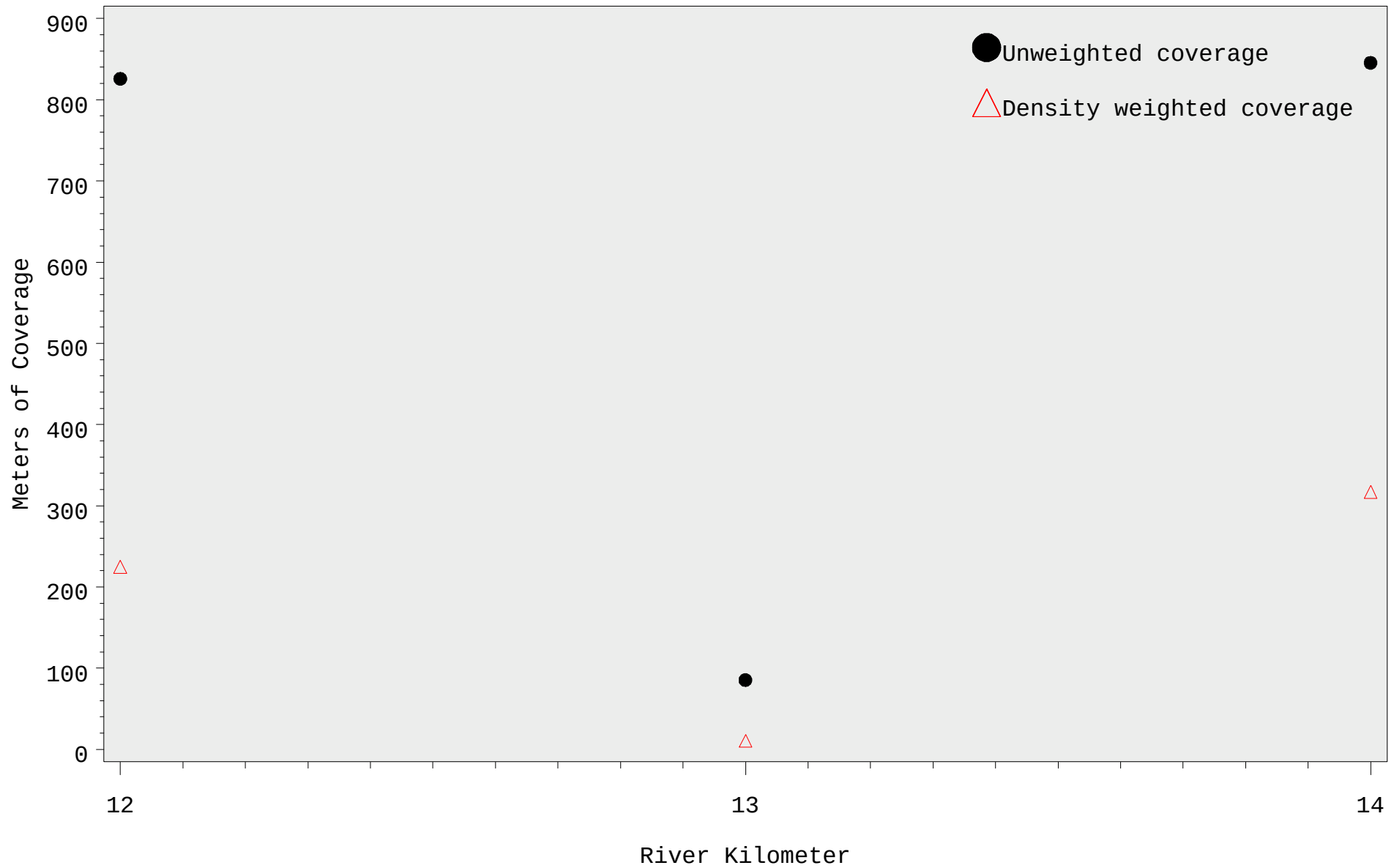
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Quercus virginiana



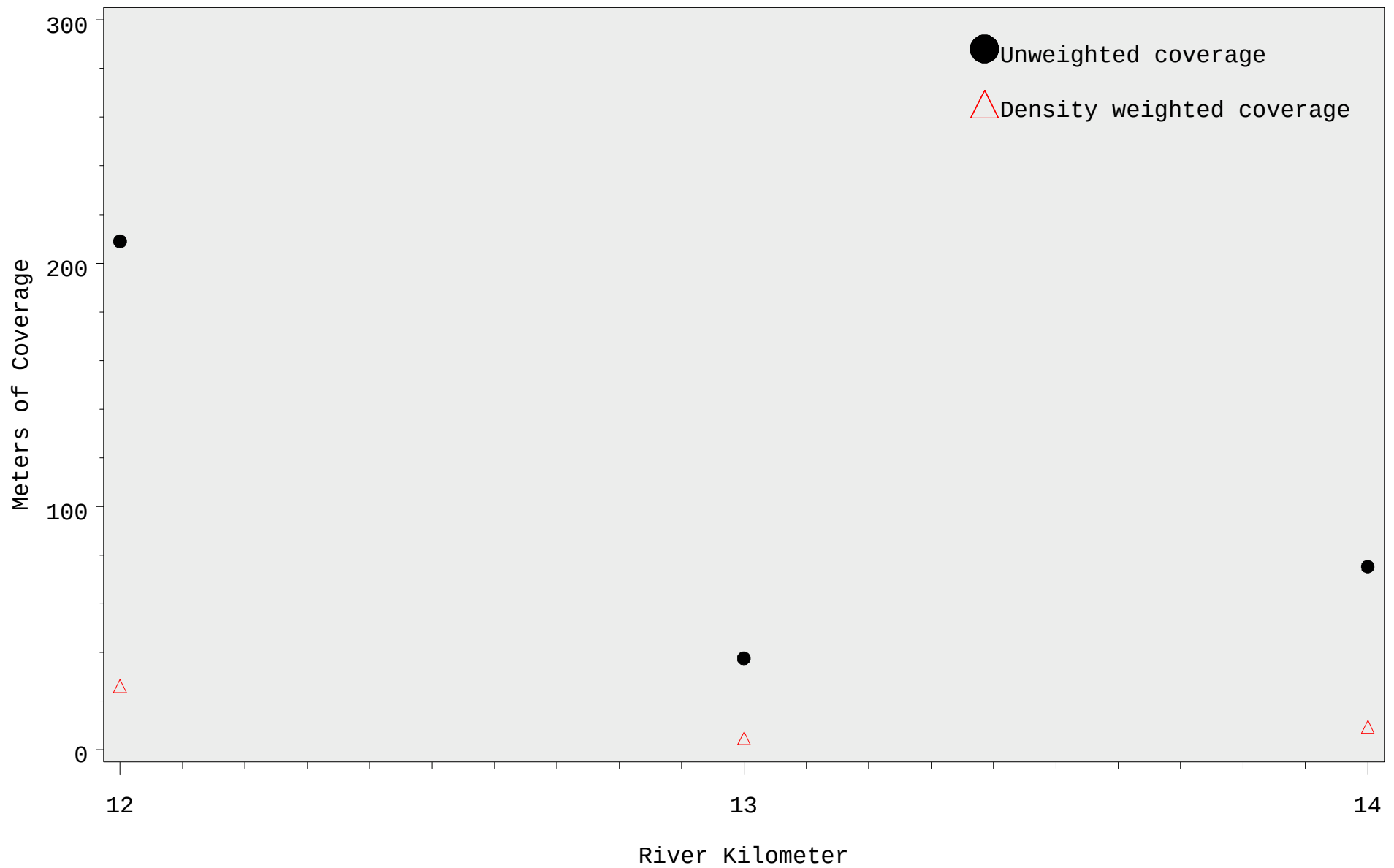
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Sabal palmetto



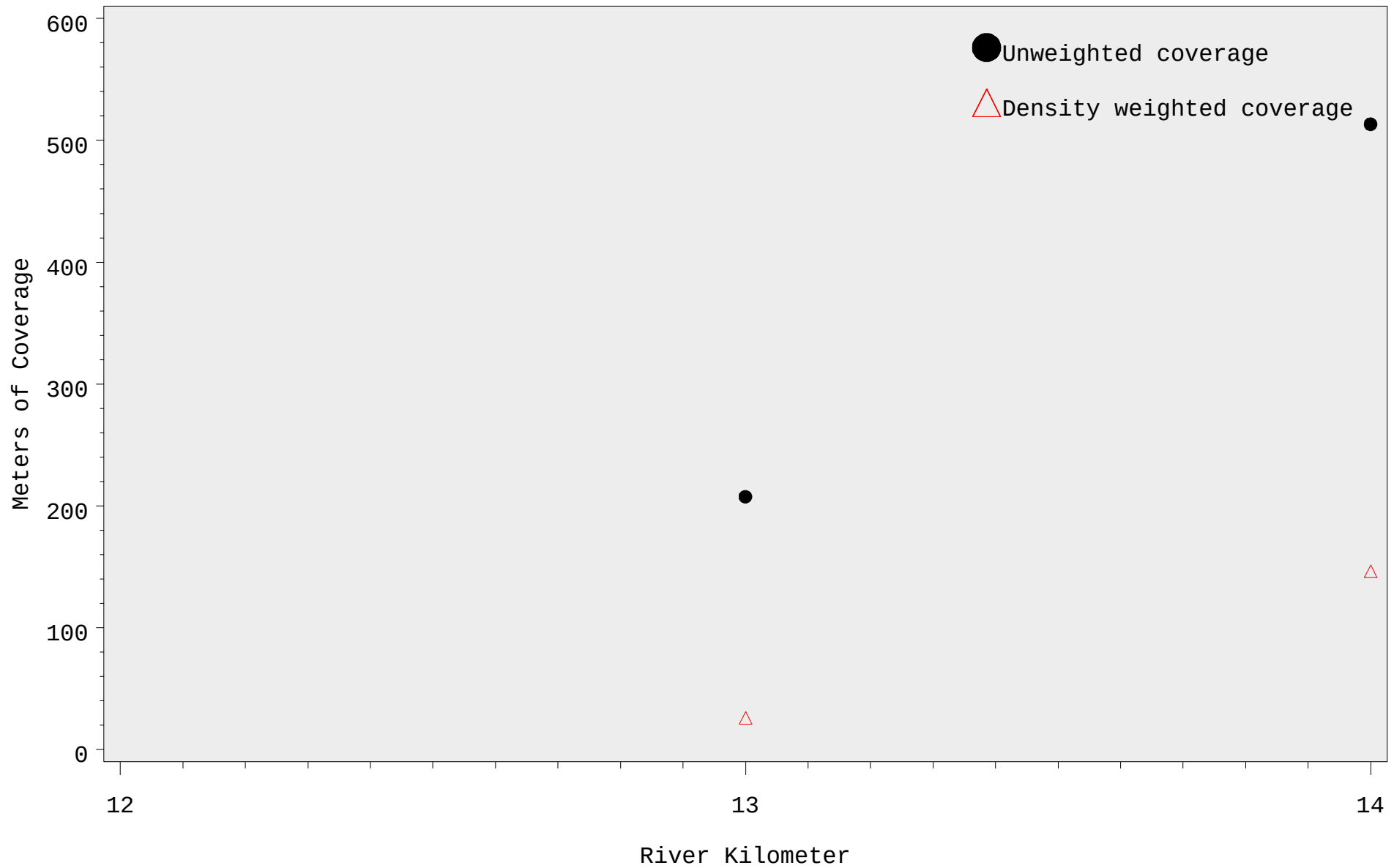
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Saggitaria lancifolia



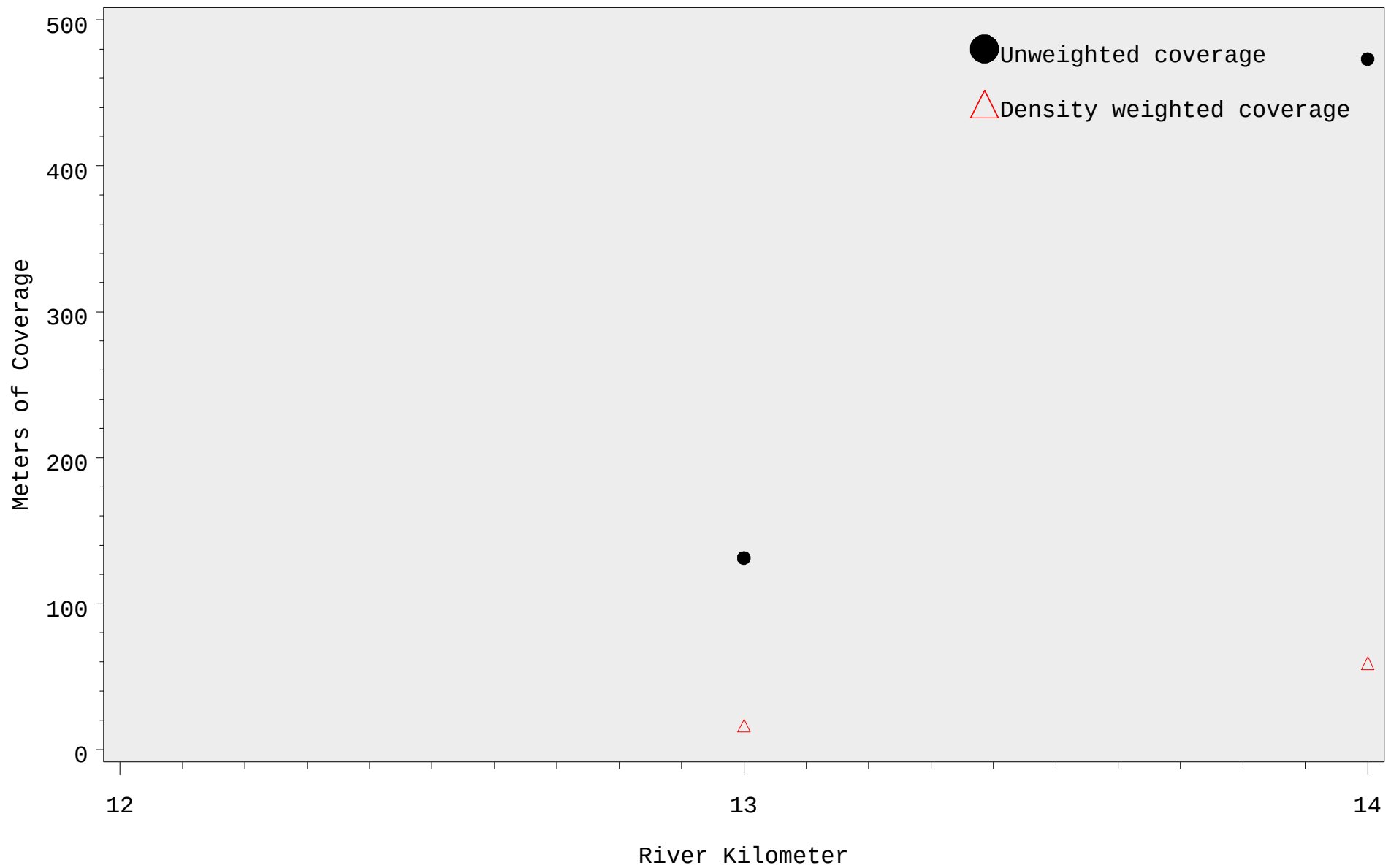
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Scirpus sp.



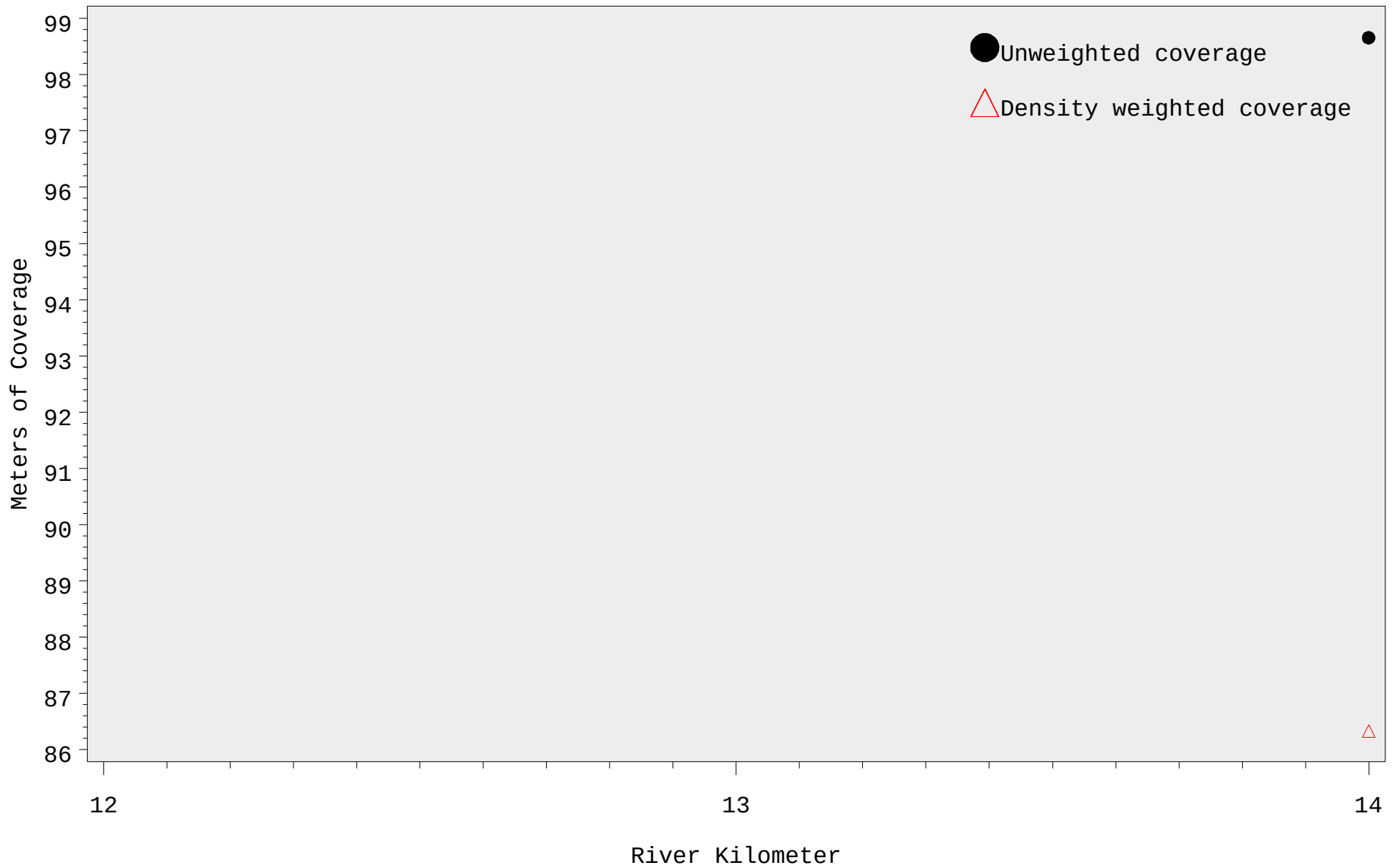
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Scirpus validus



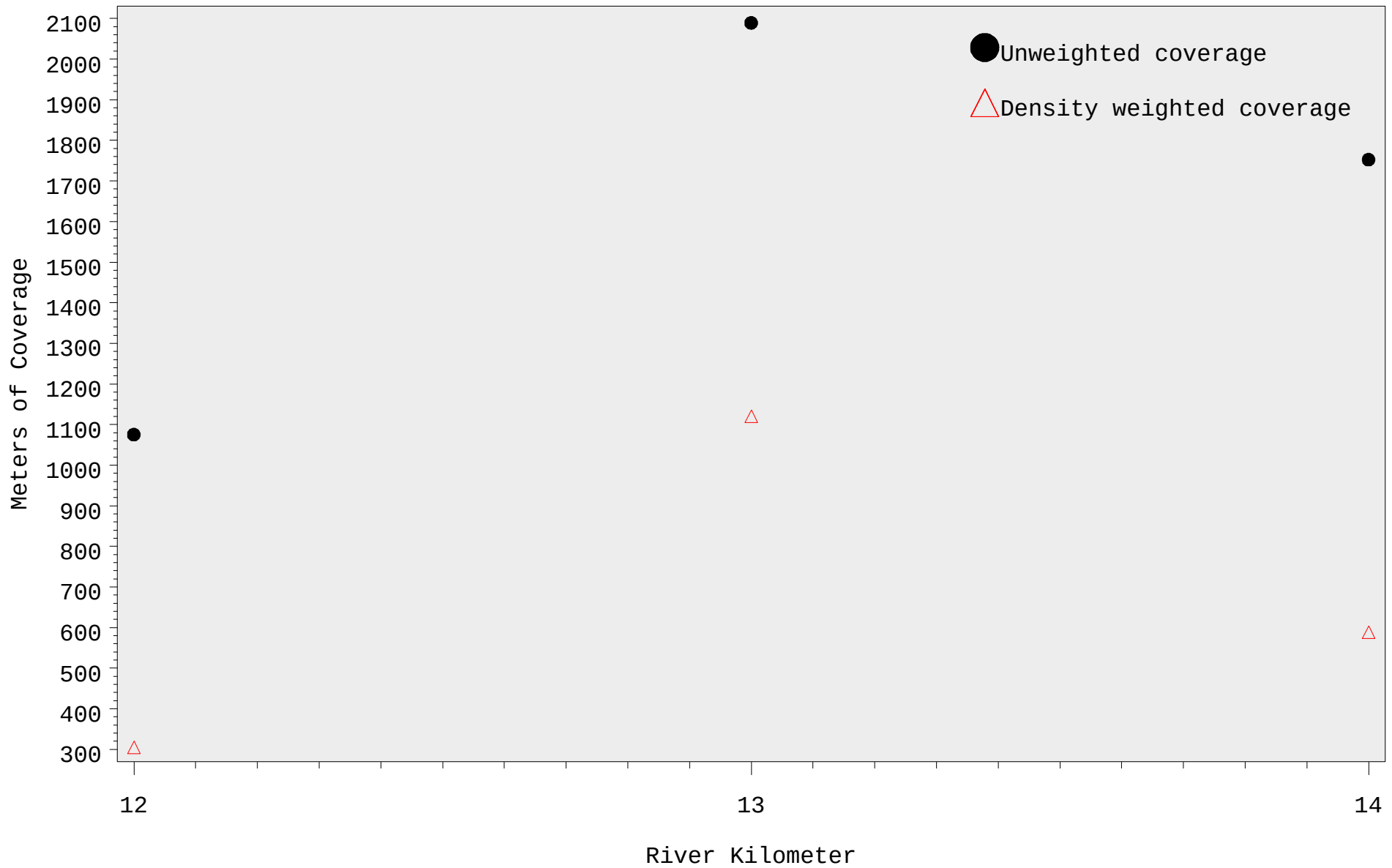
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Serenoa repens*



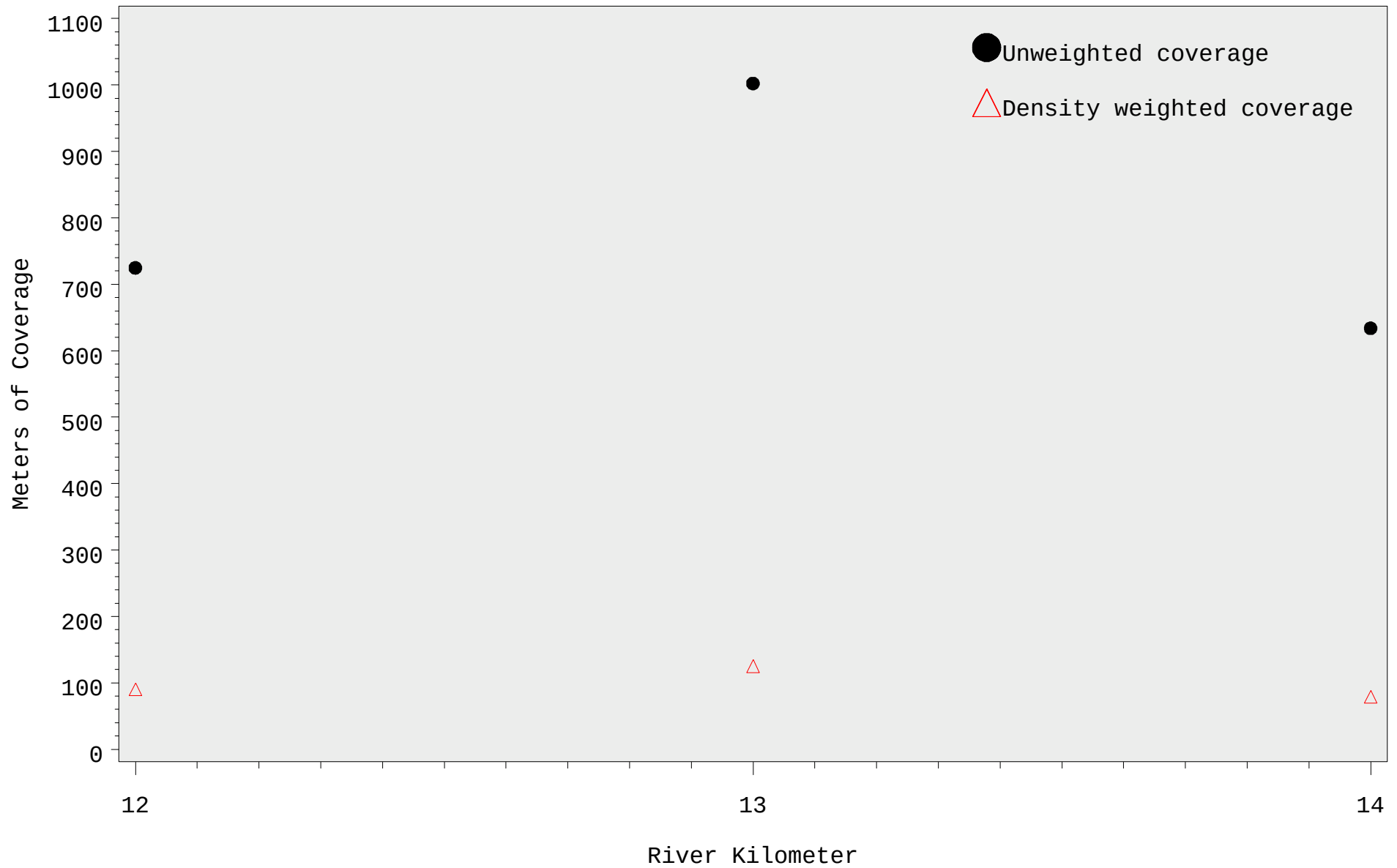
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Typha sp.



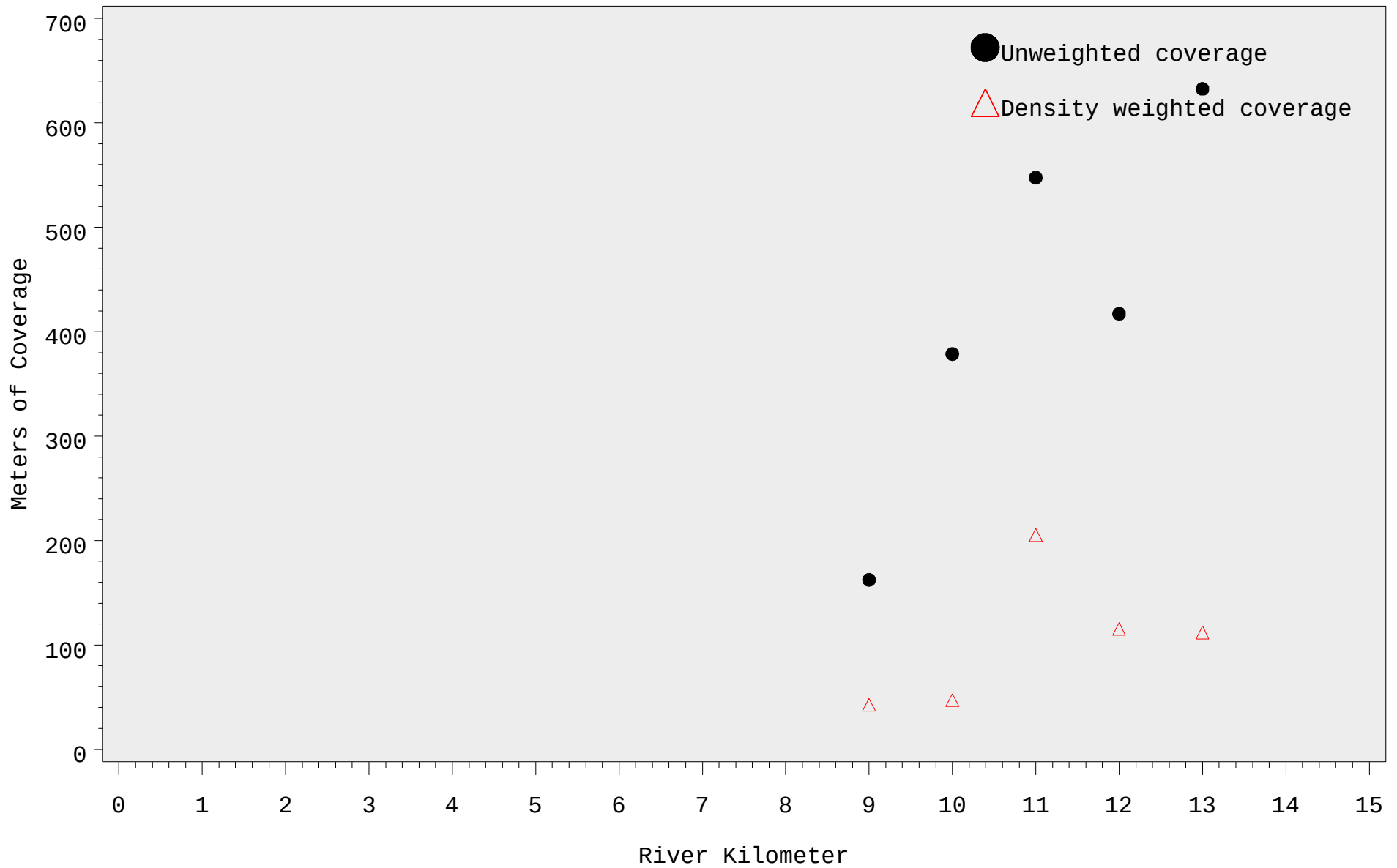
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Unknown



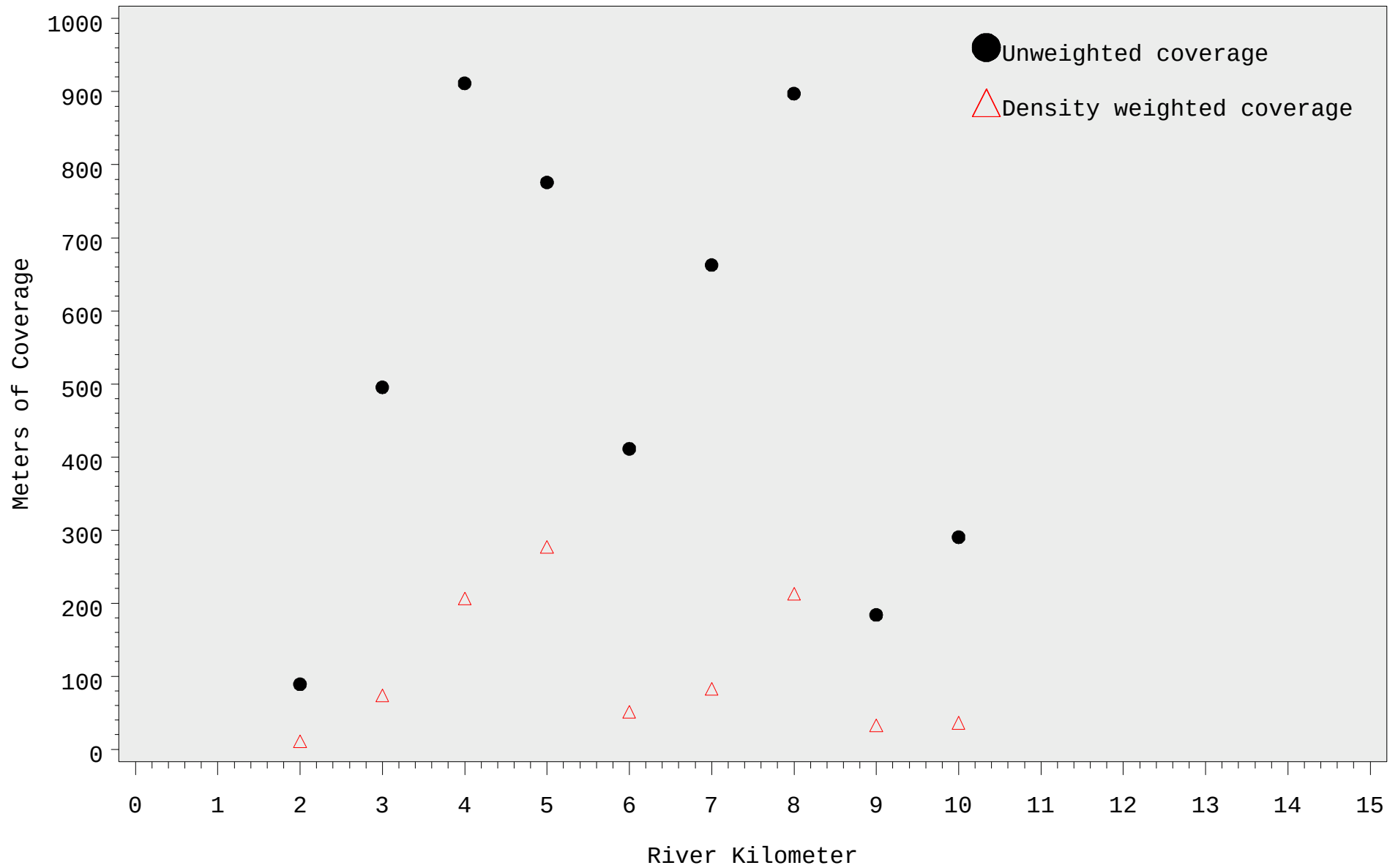
Halls River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Acer rubrum



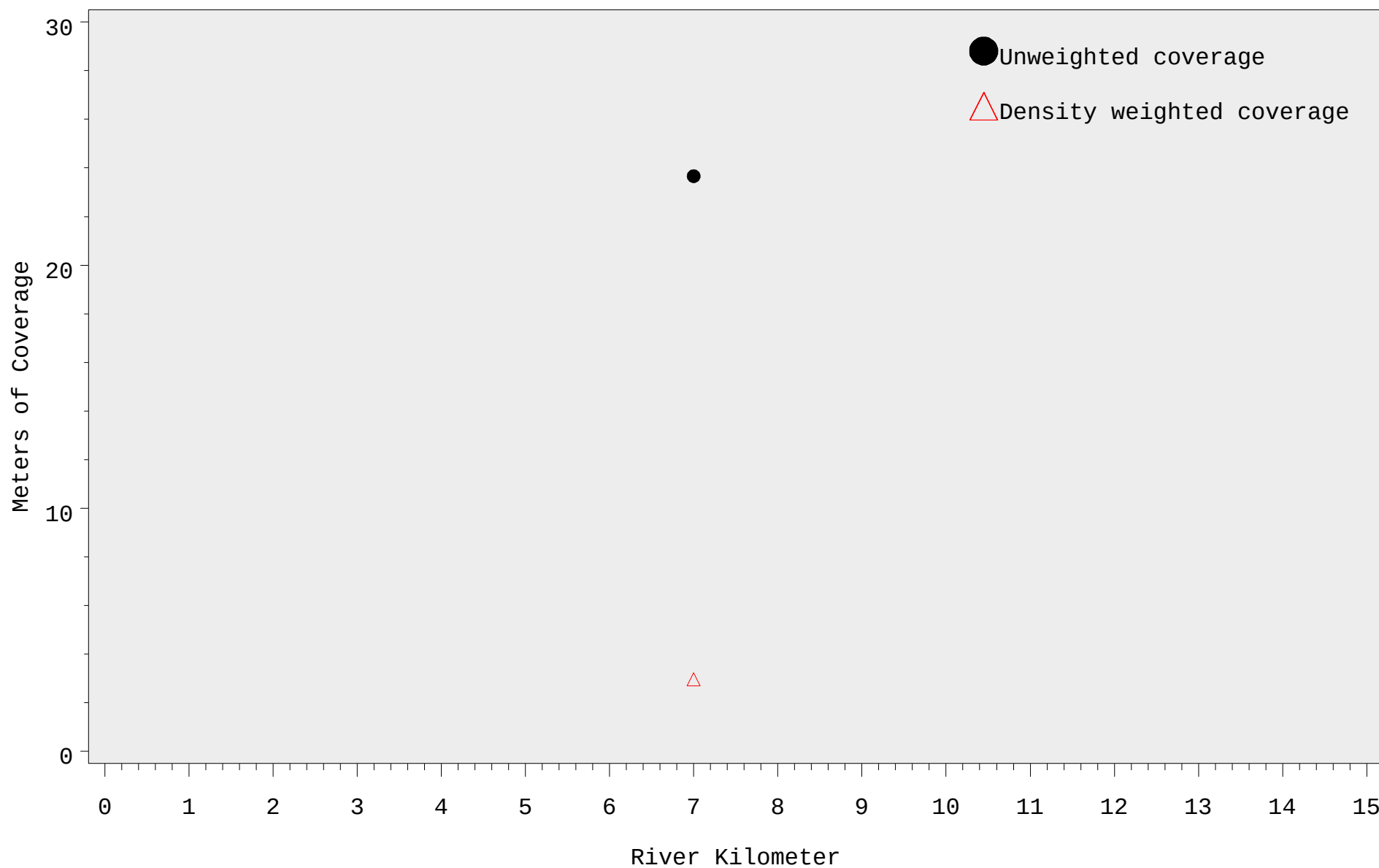
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Achrostichum spp.



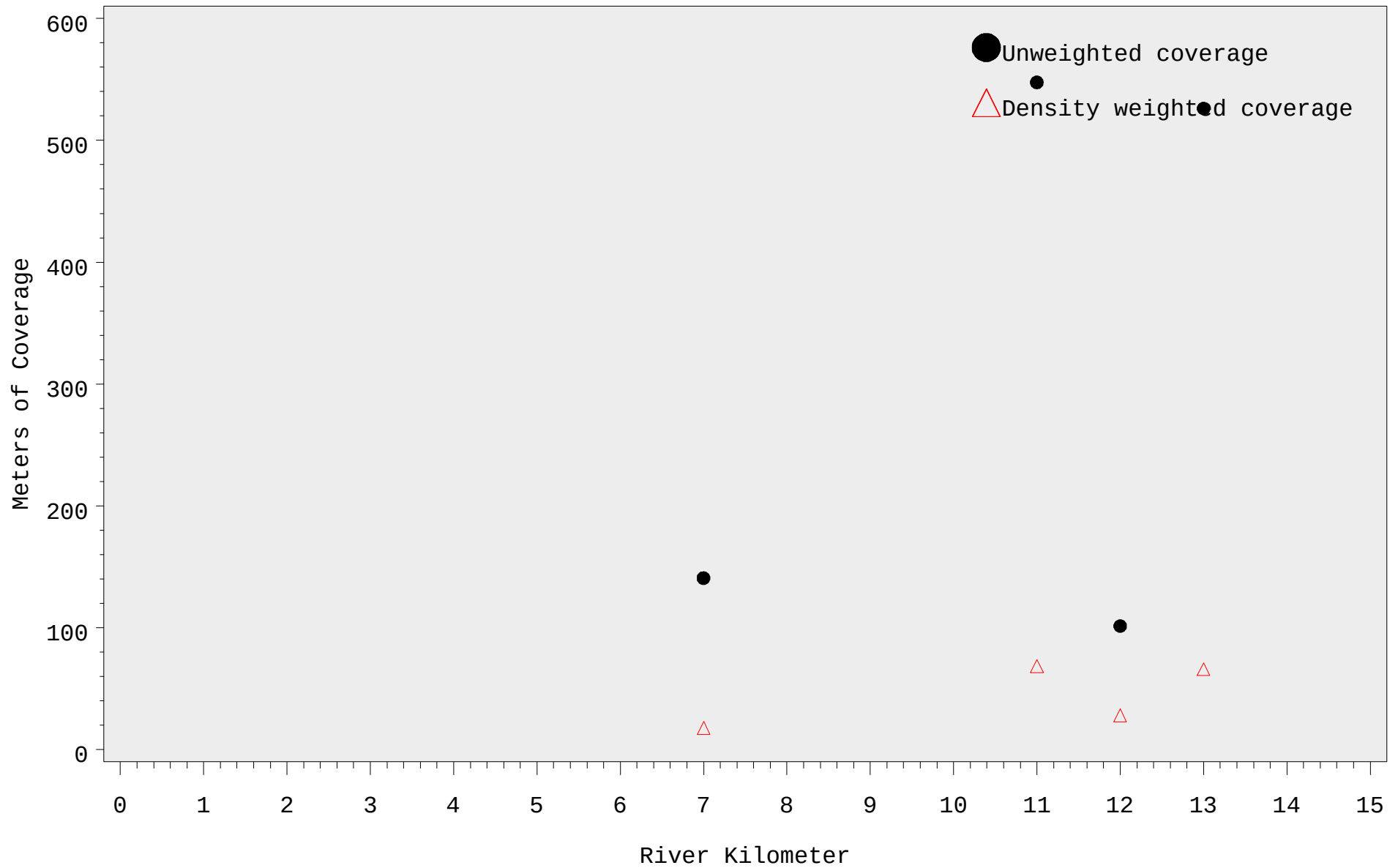
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Amaranthus australis



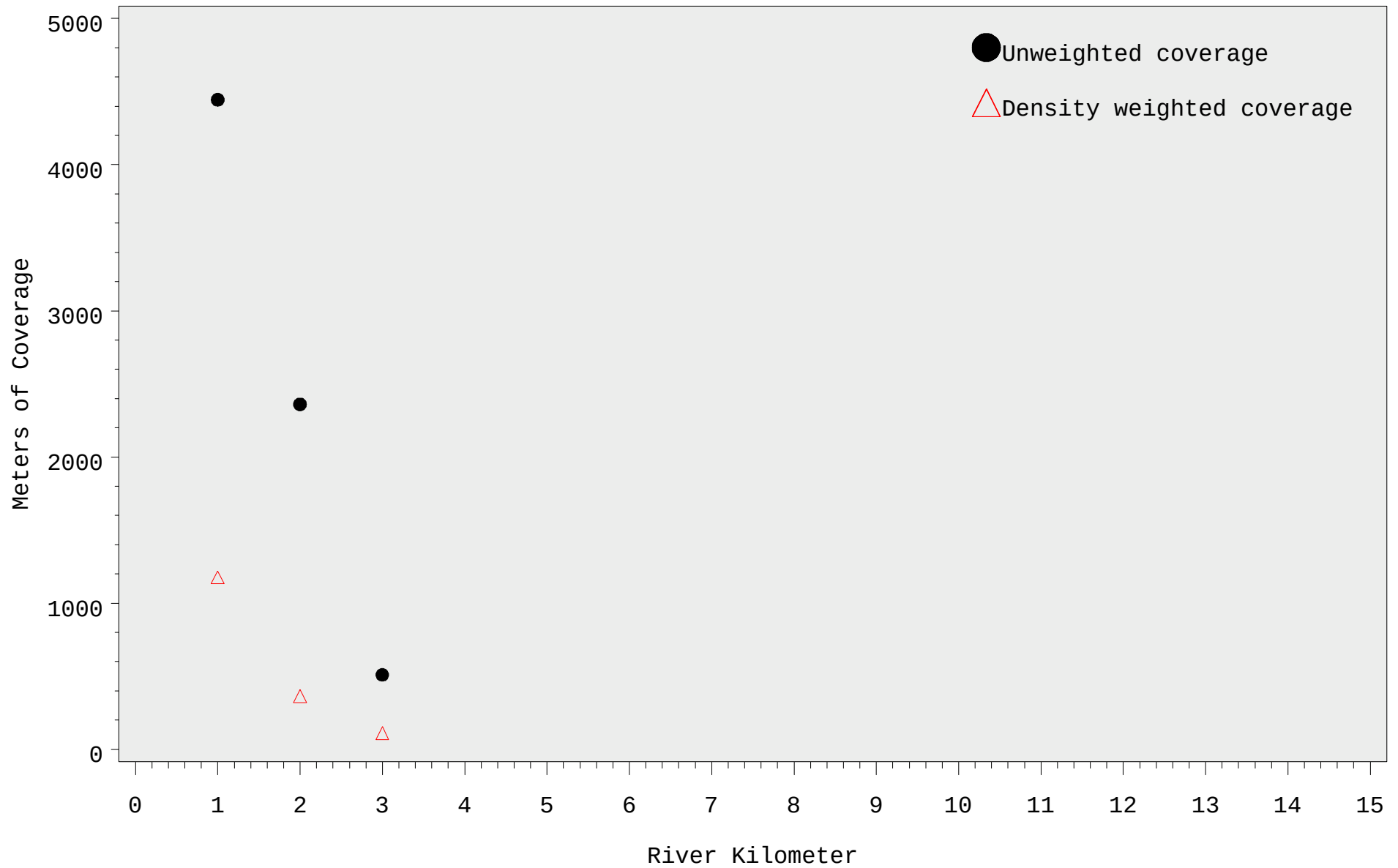
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Arundo donax



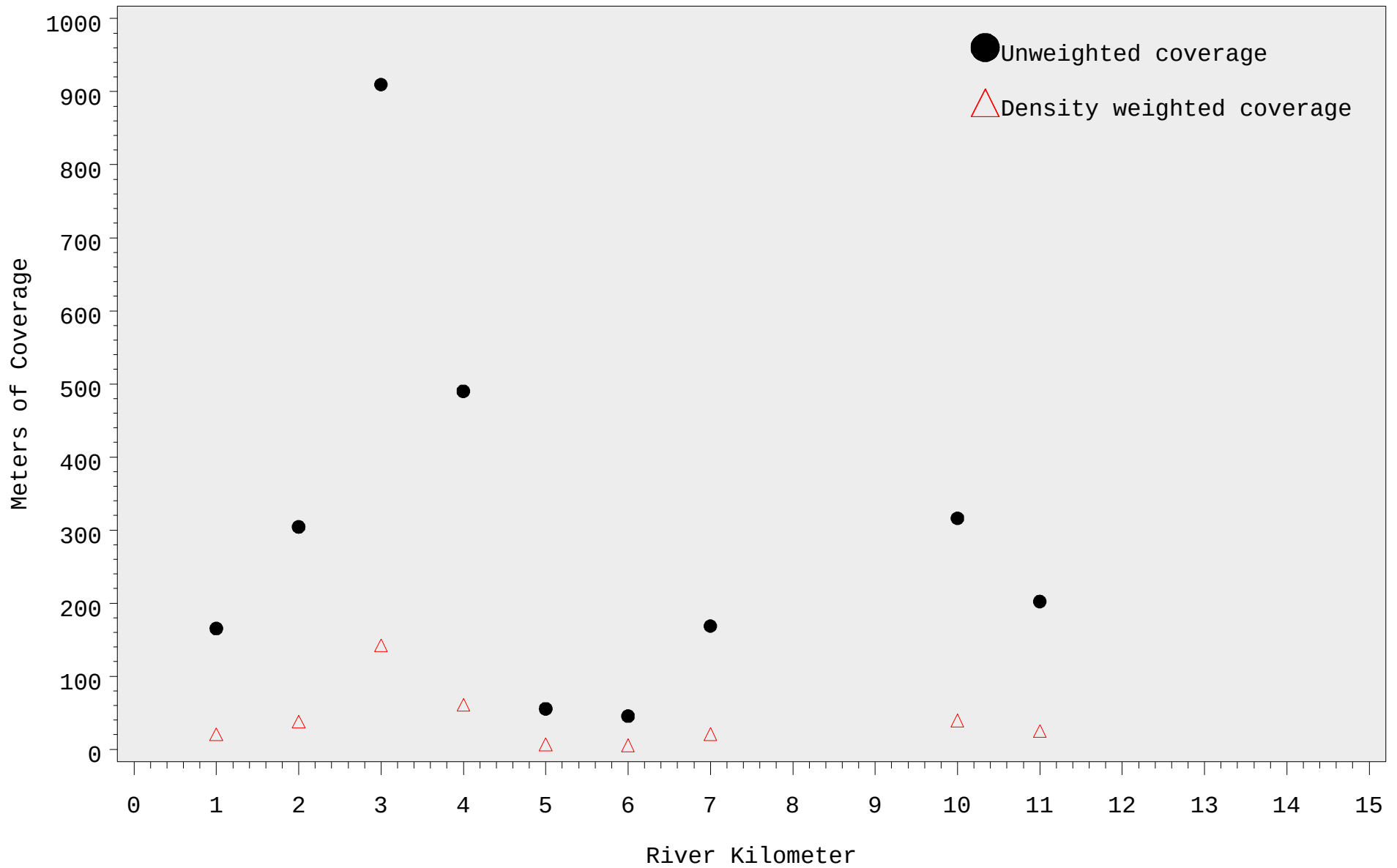
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Avicennia germinans



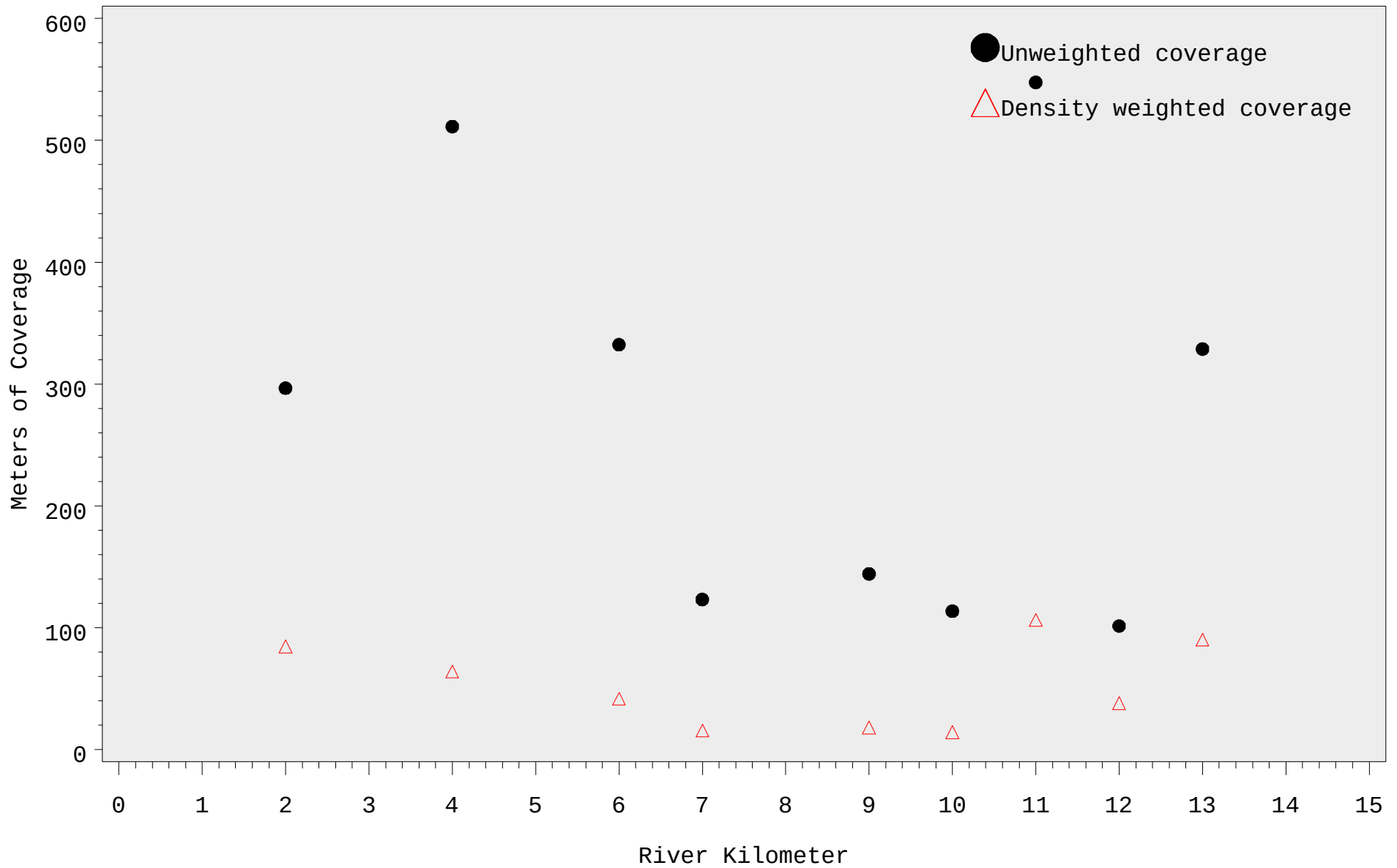
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Baccharis angustifolia*



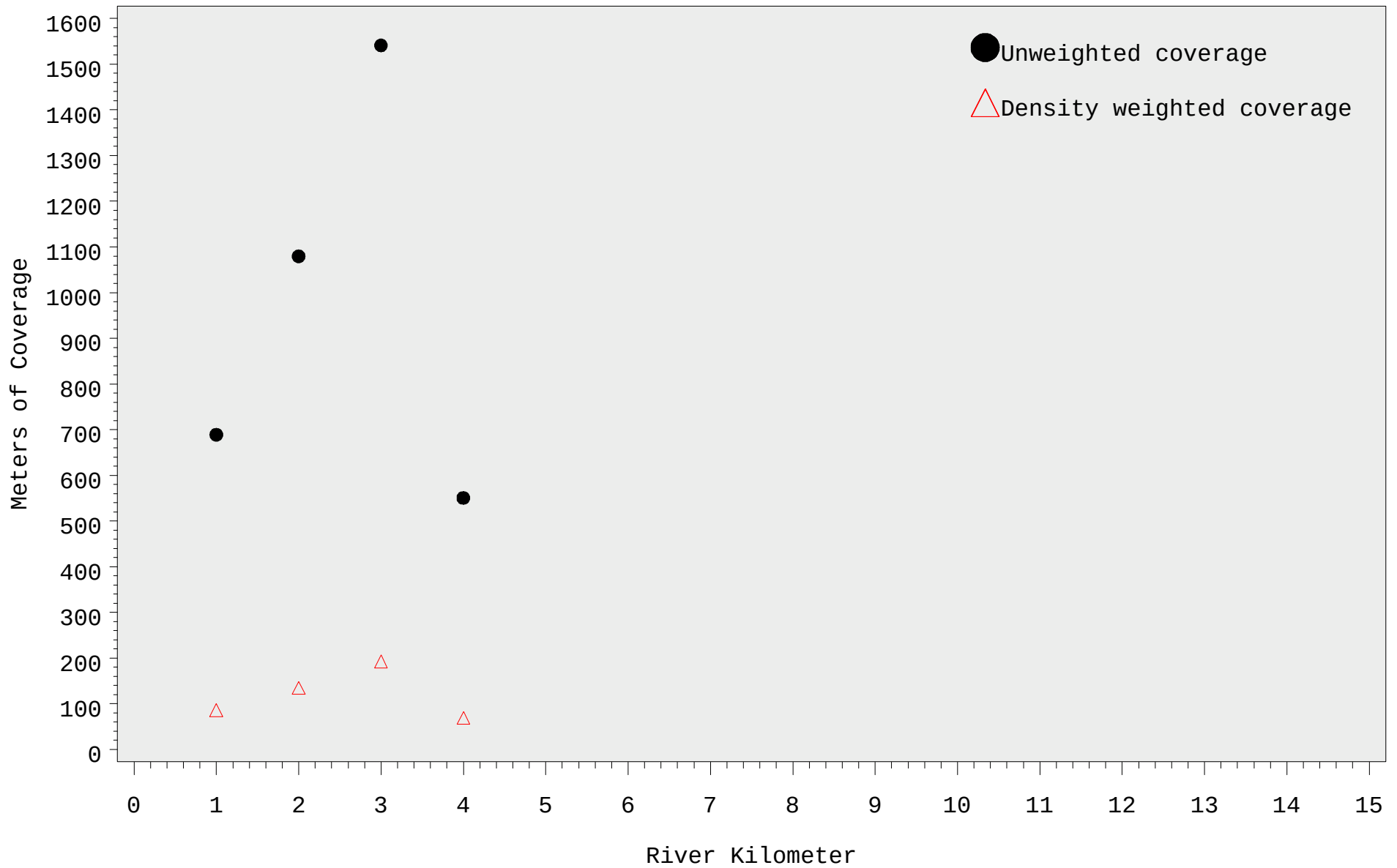
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Baccharis halimifolia/gomerulifolia



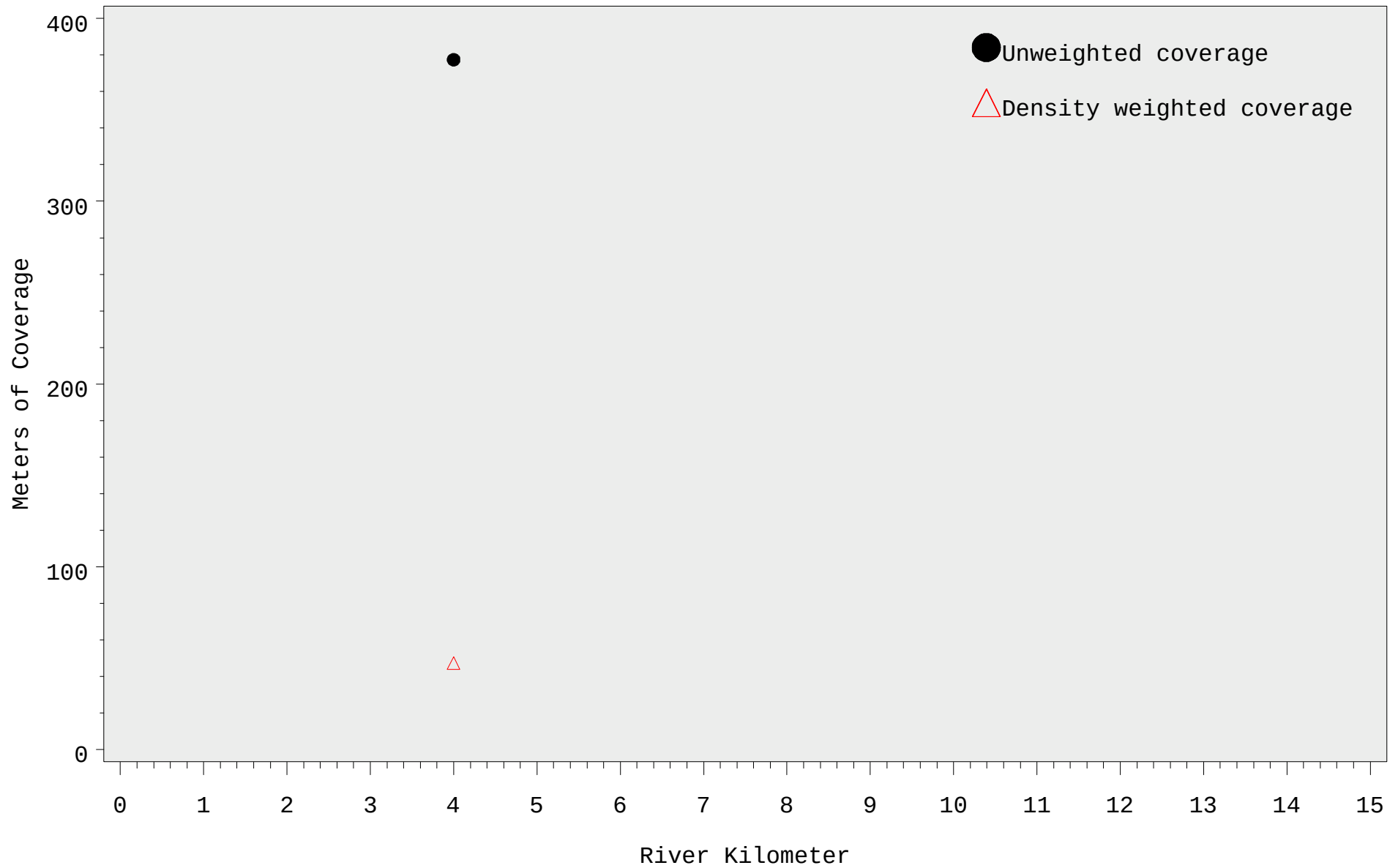
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Borrichia frutescens*



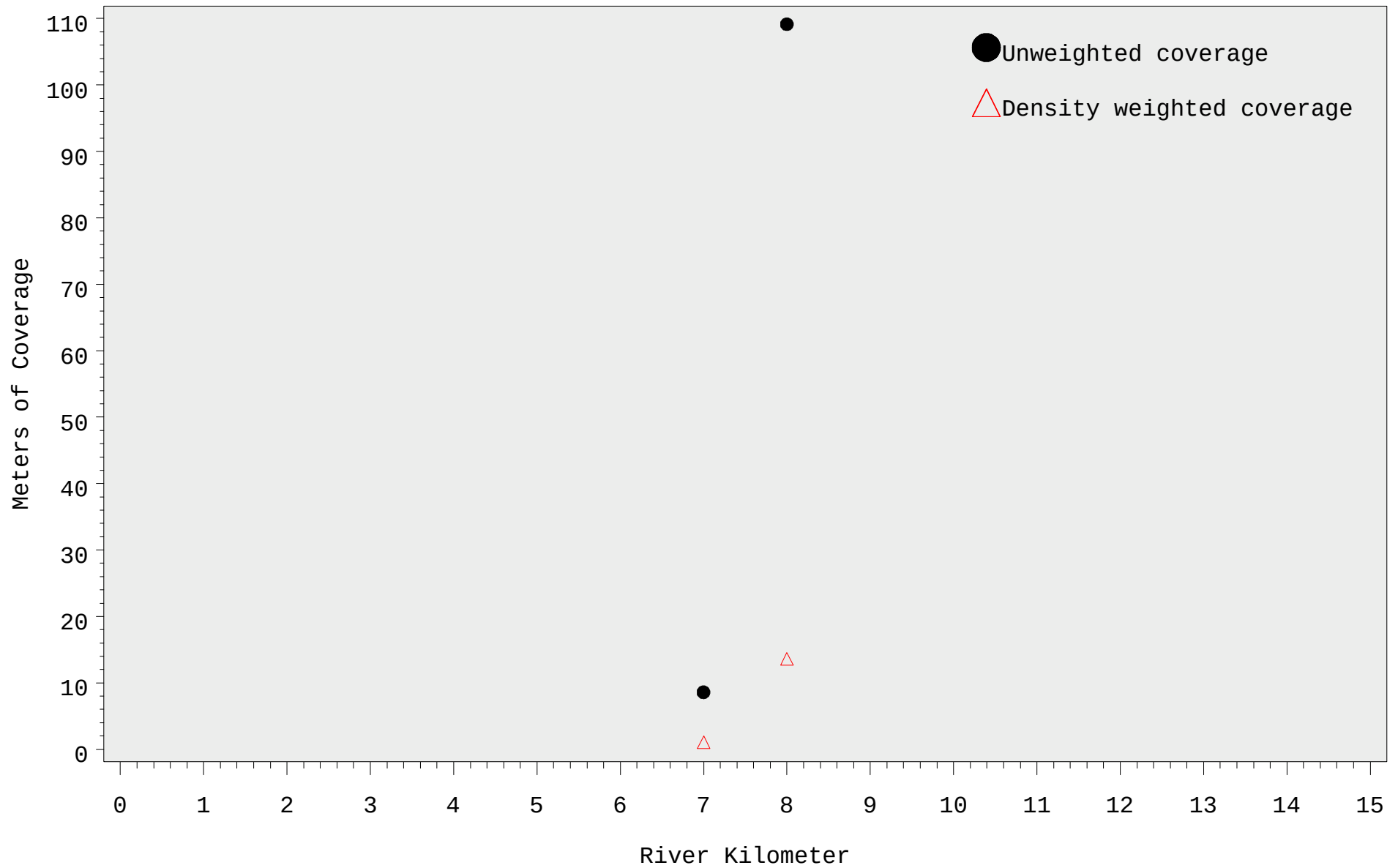
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Carya aquatica



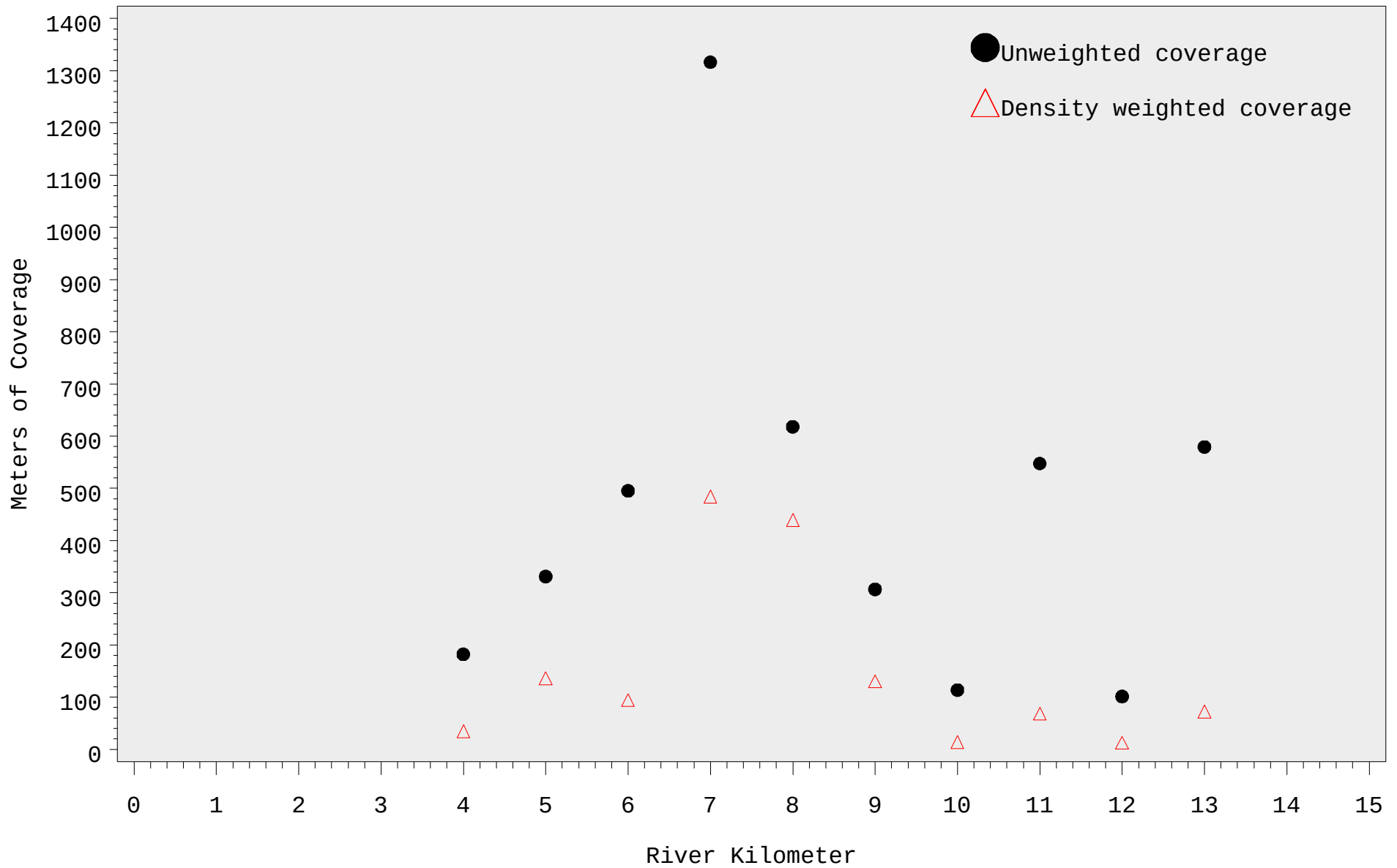
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Casuarina spp.



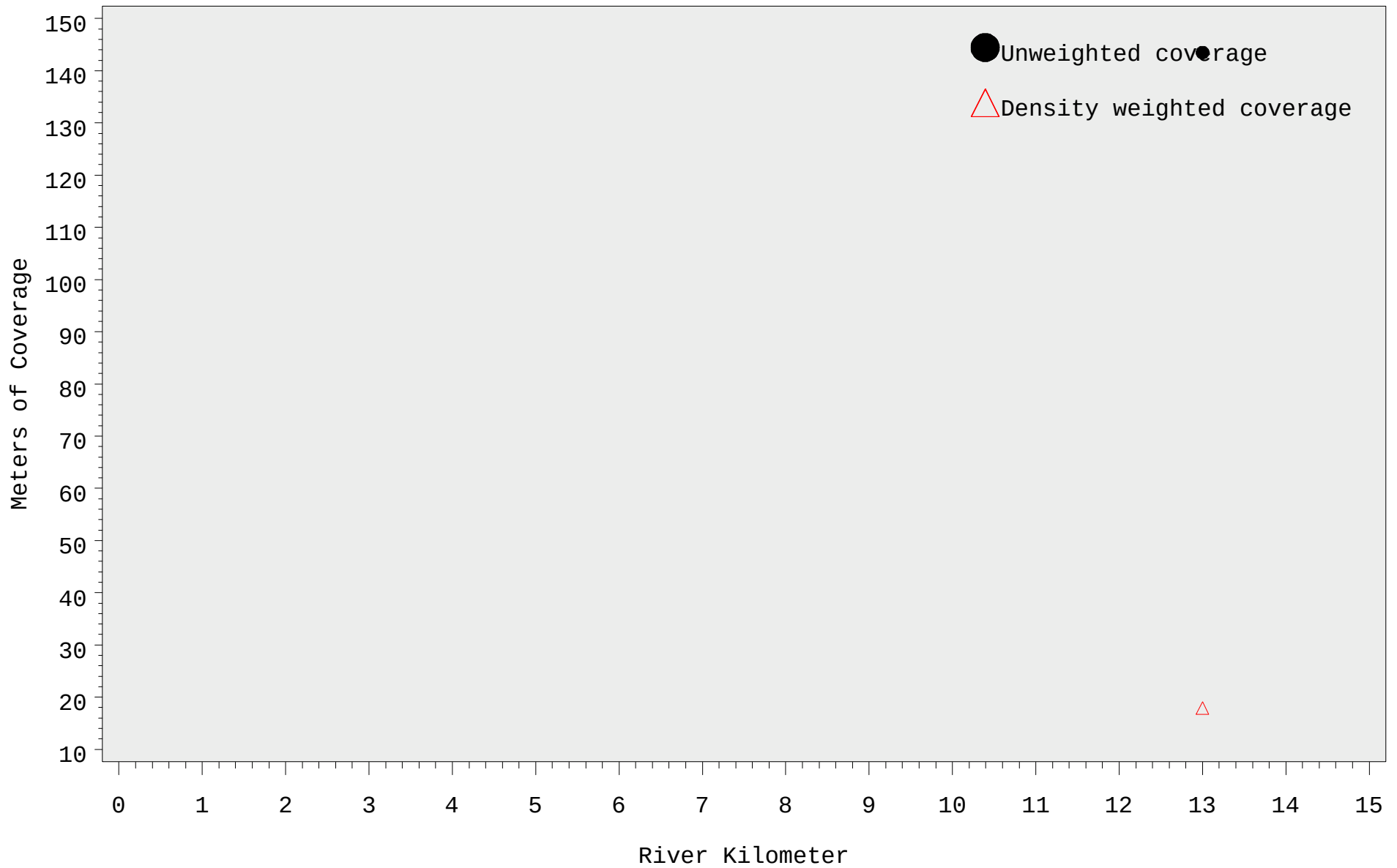
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Cladium jamaicense



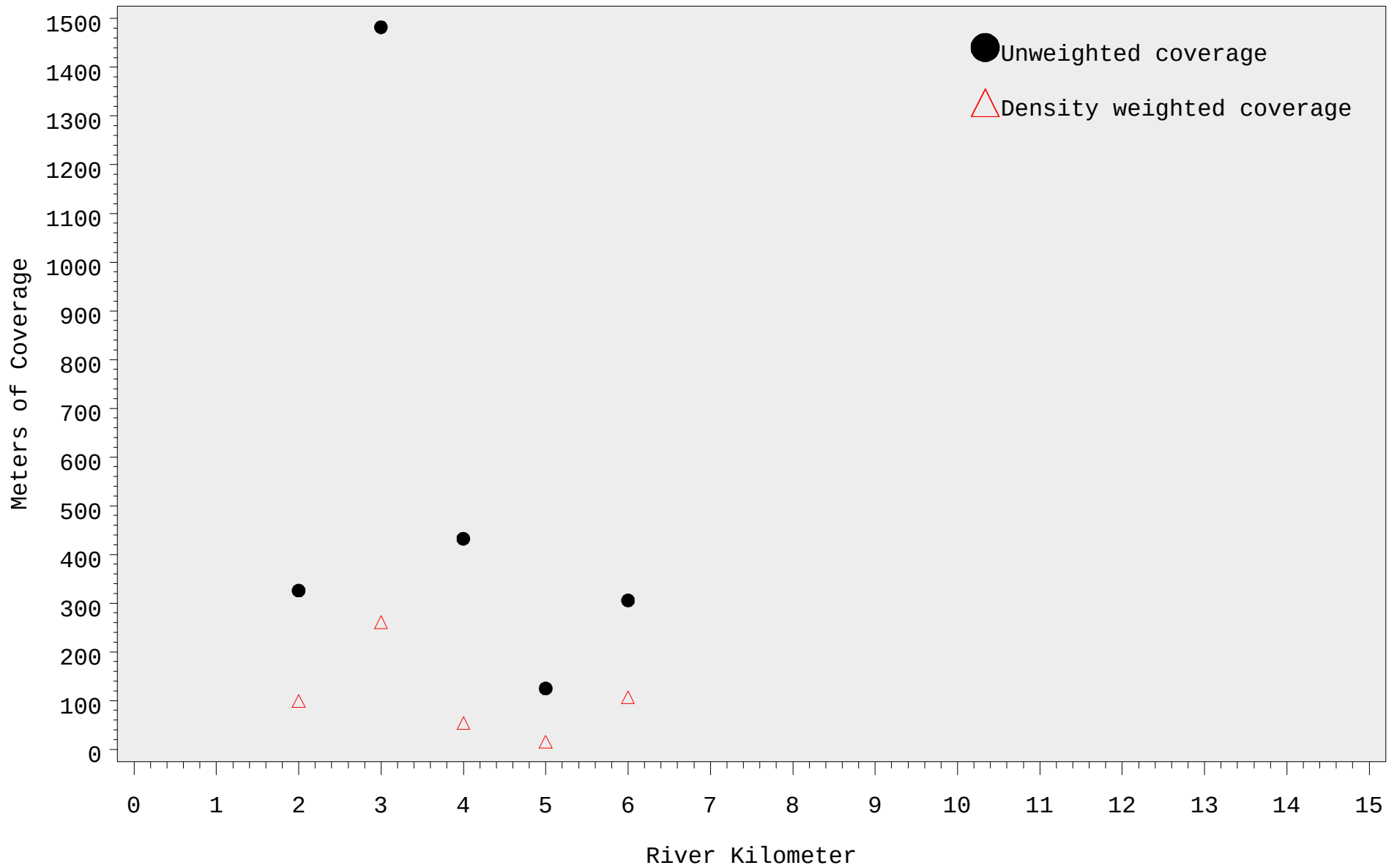
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Colocasia esculenta



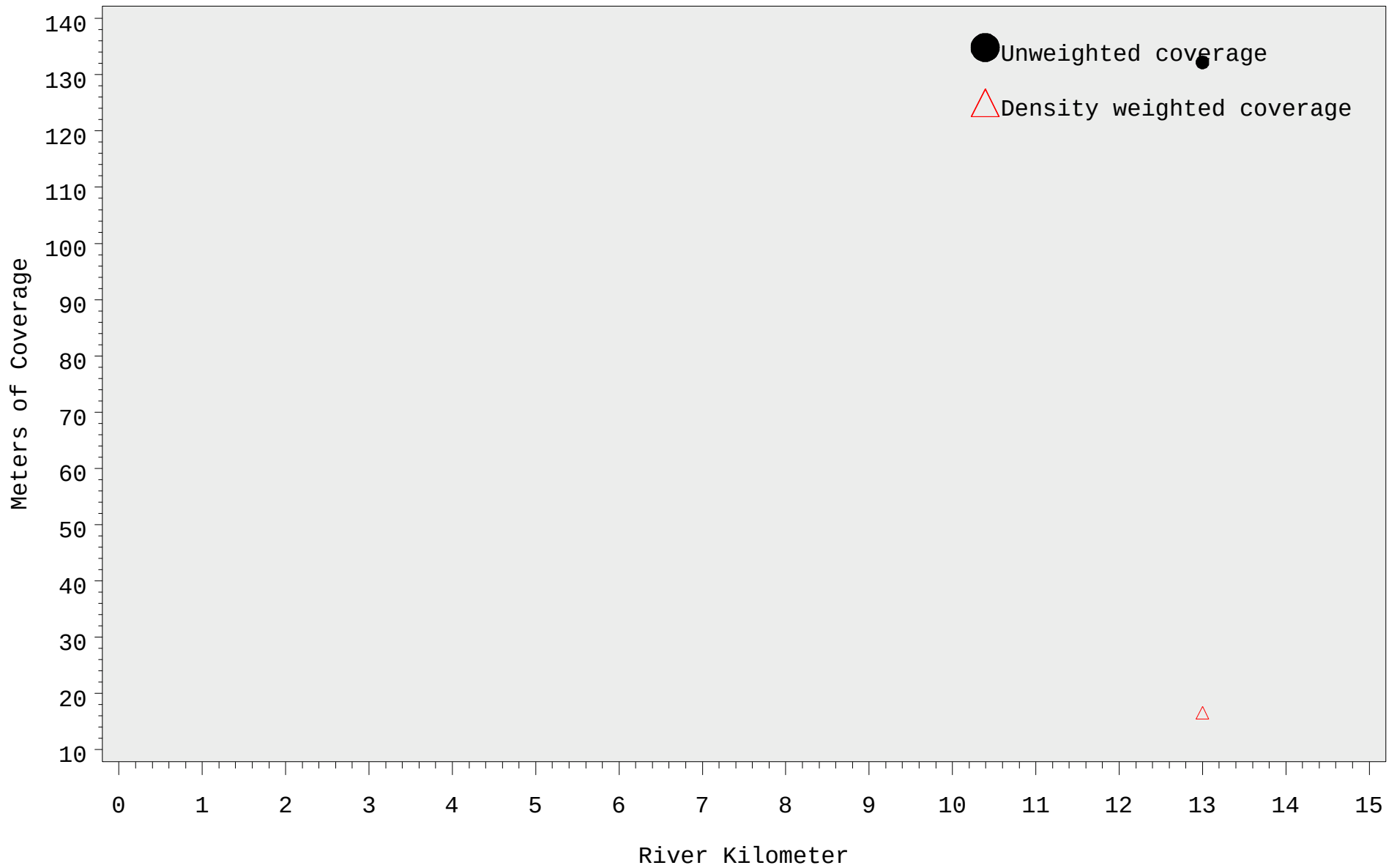
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Conocarpus erectus



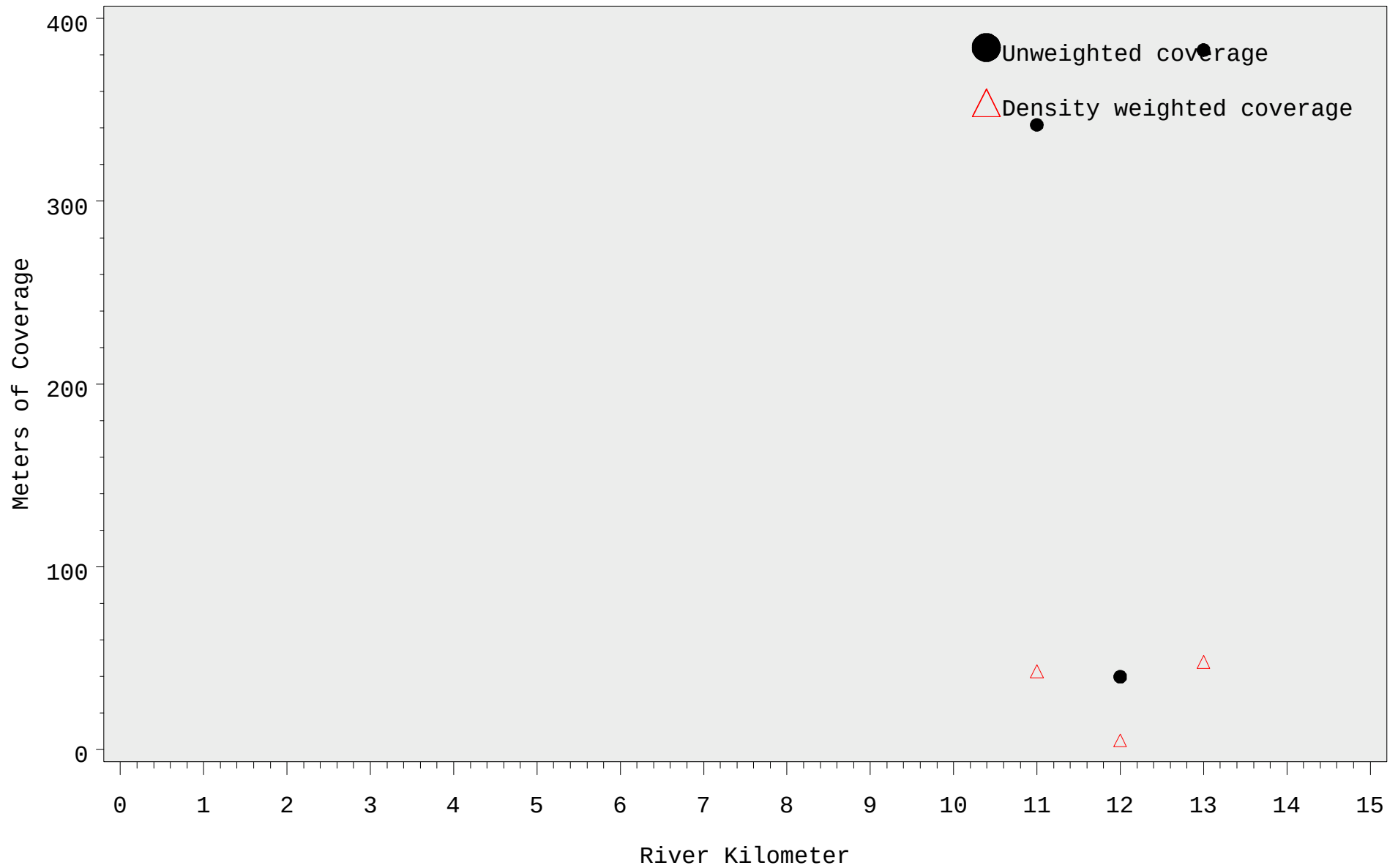
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Cornus fomena



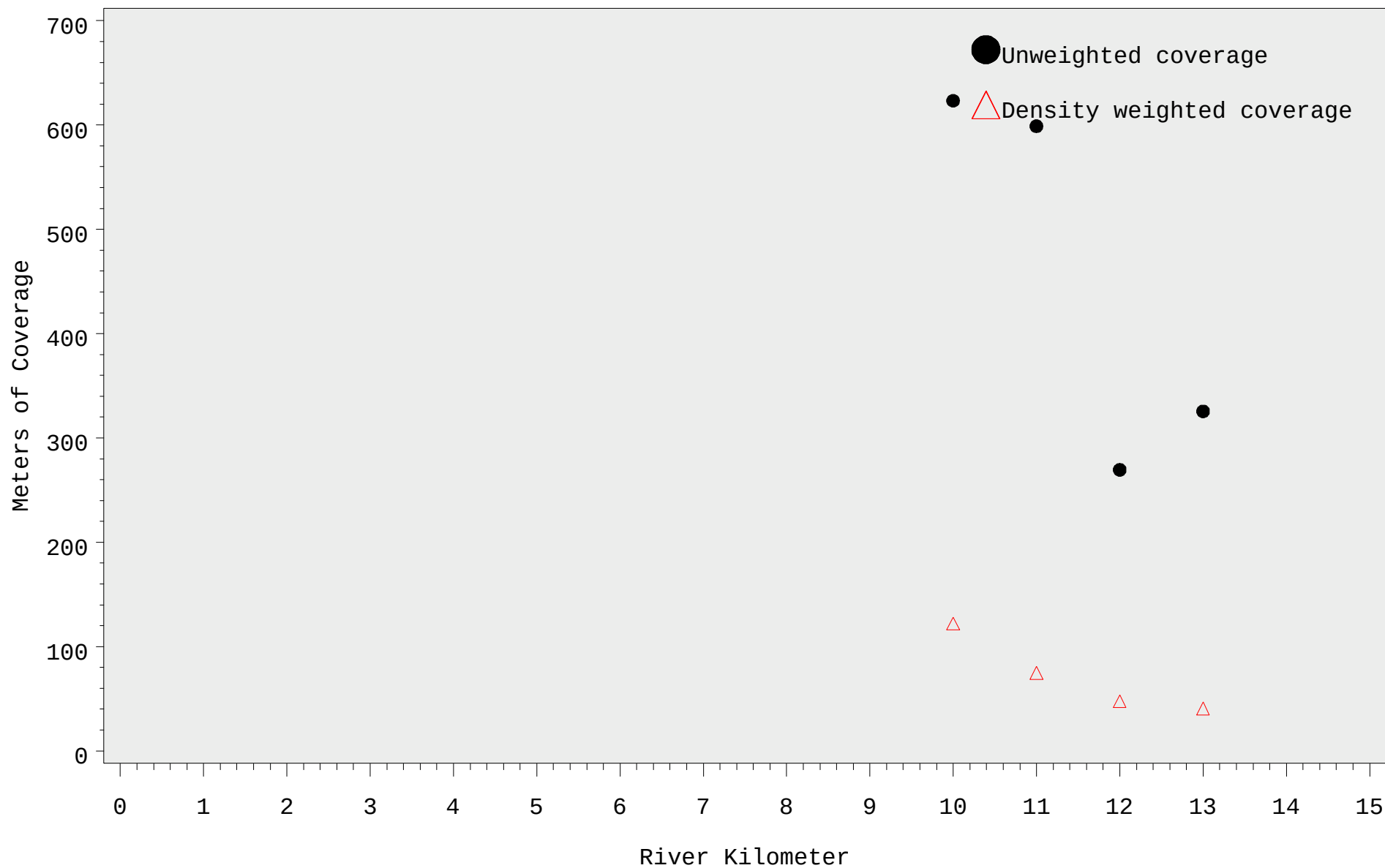
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Crinum americana



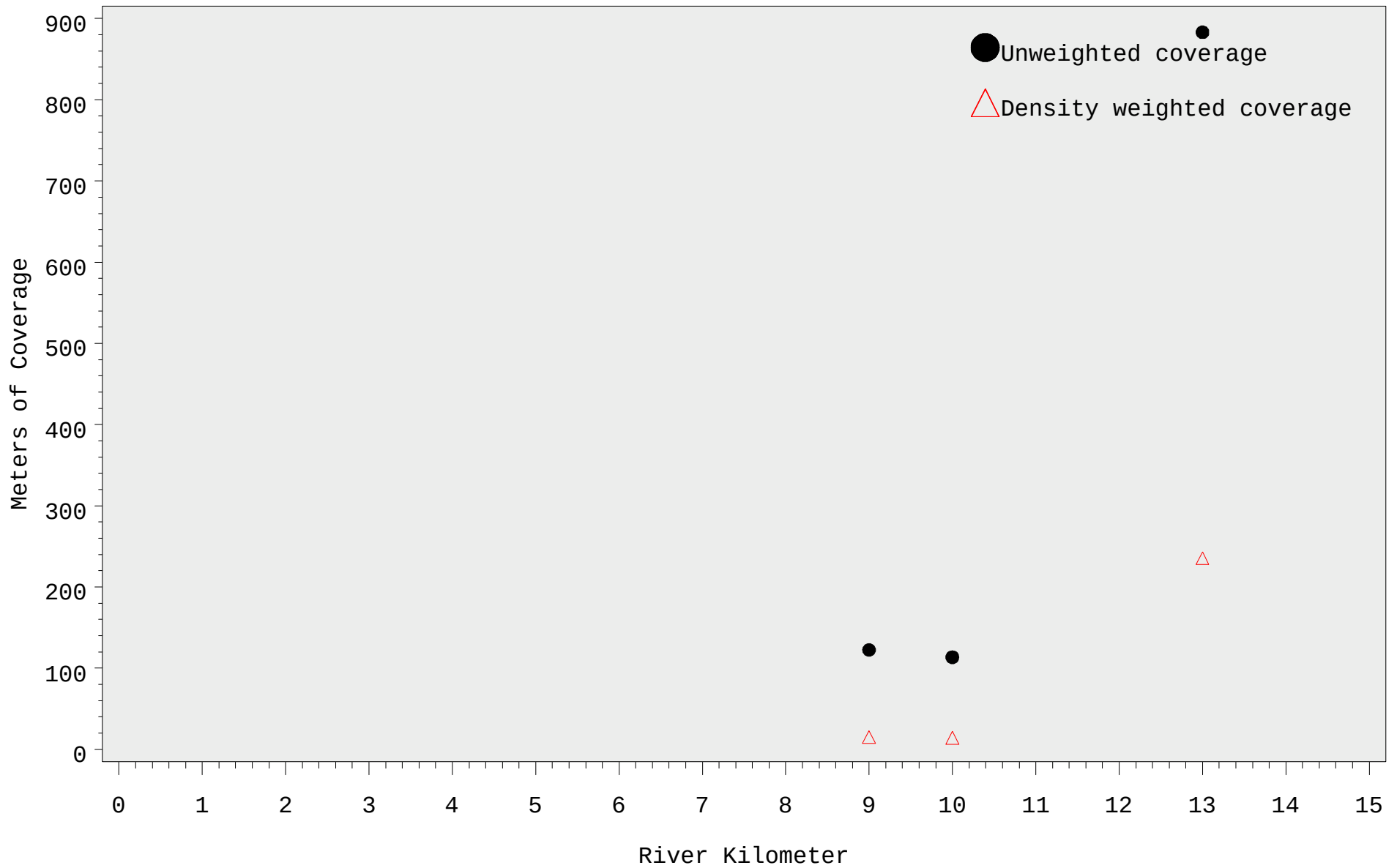
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Fraxinus caroliniana



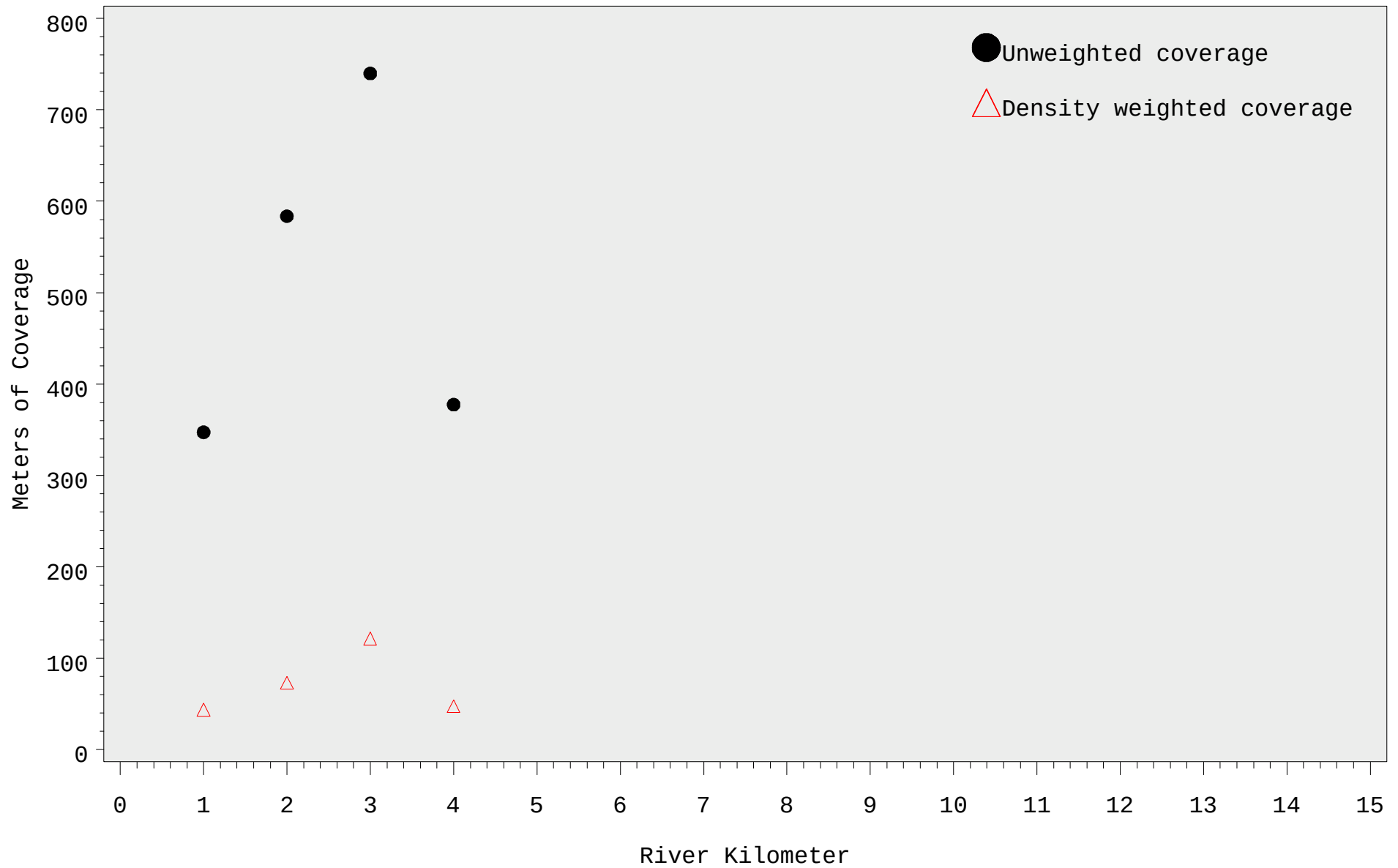
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Fraxinus pennsylvanica



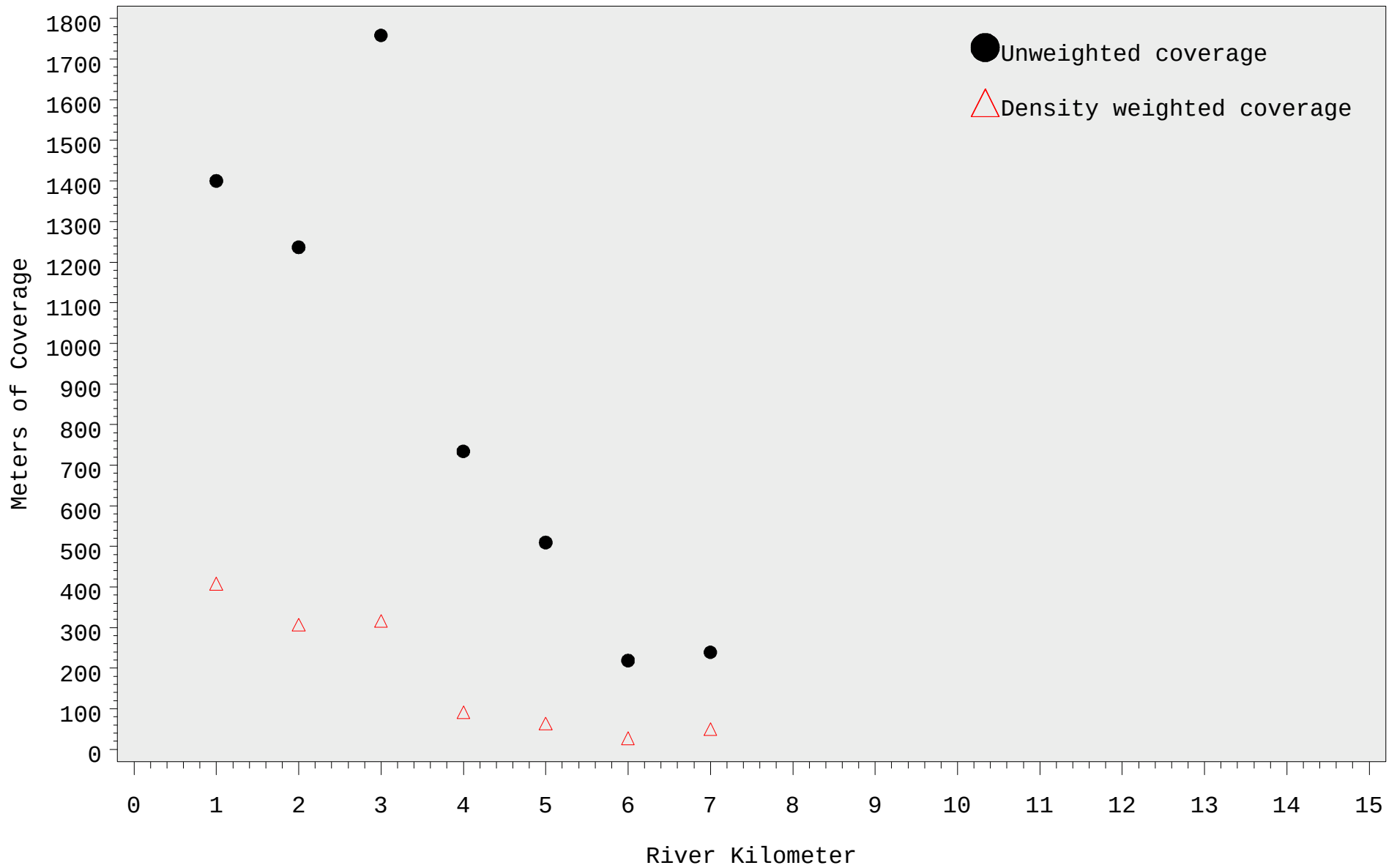
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Ilex sp.



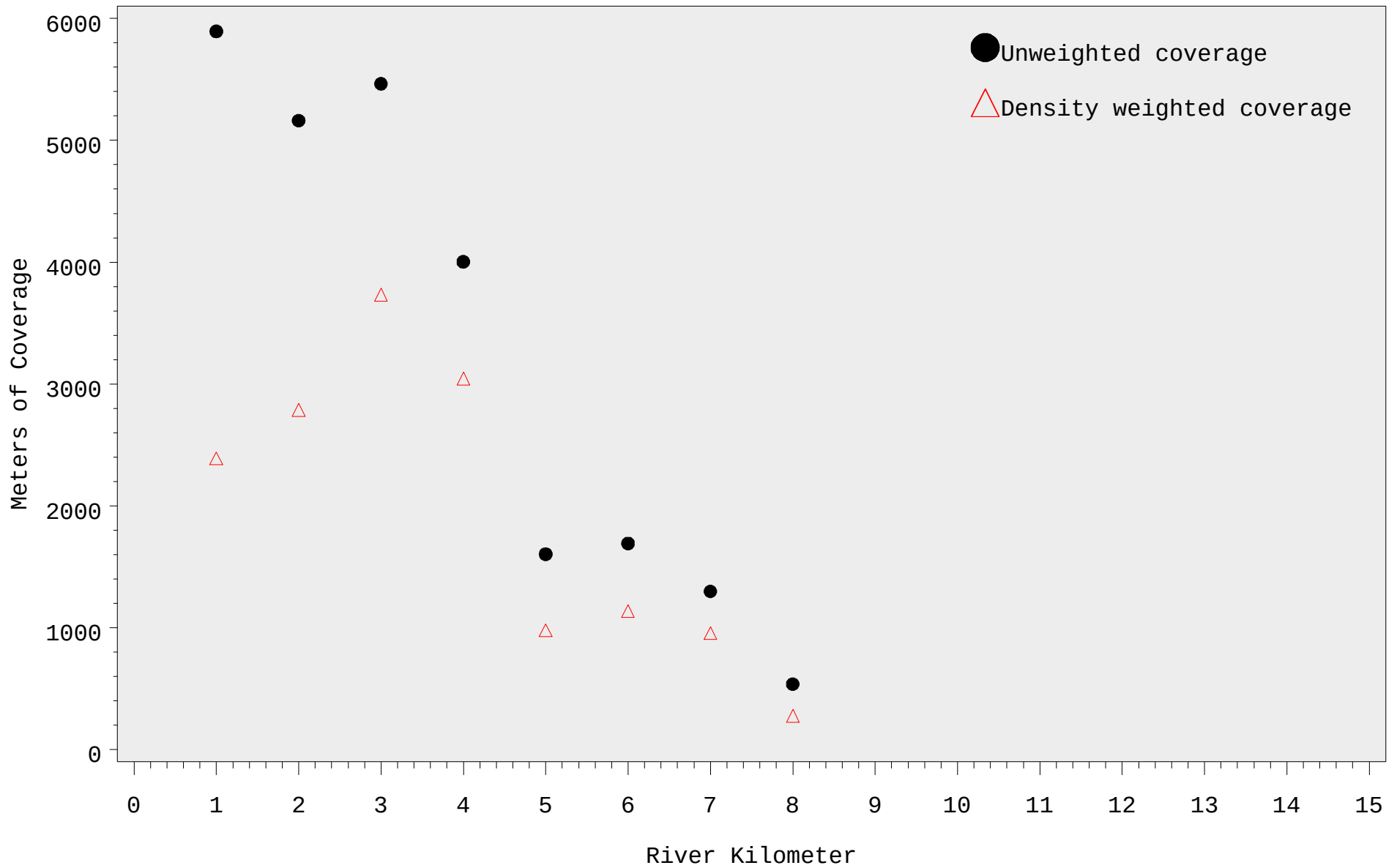
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Iva frutescens*



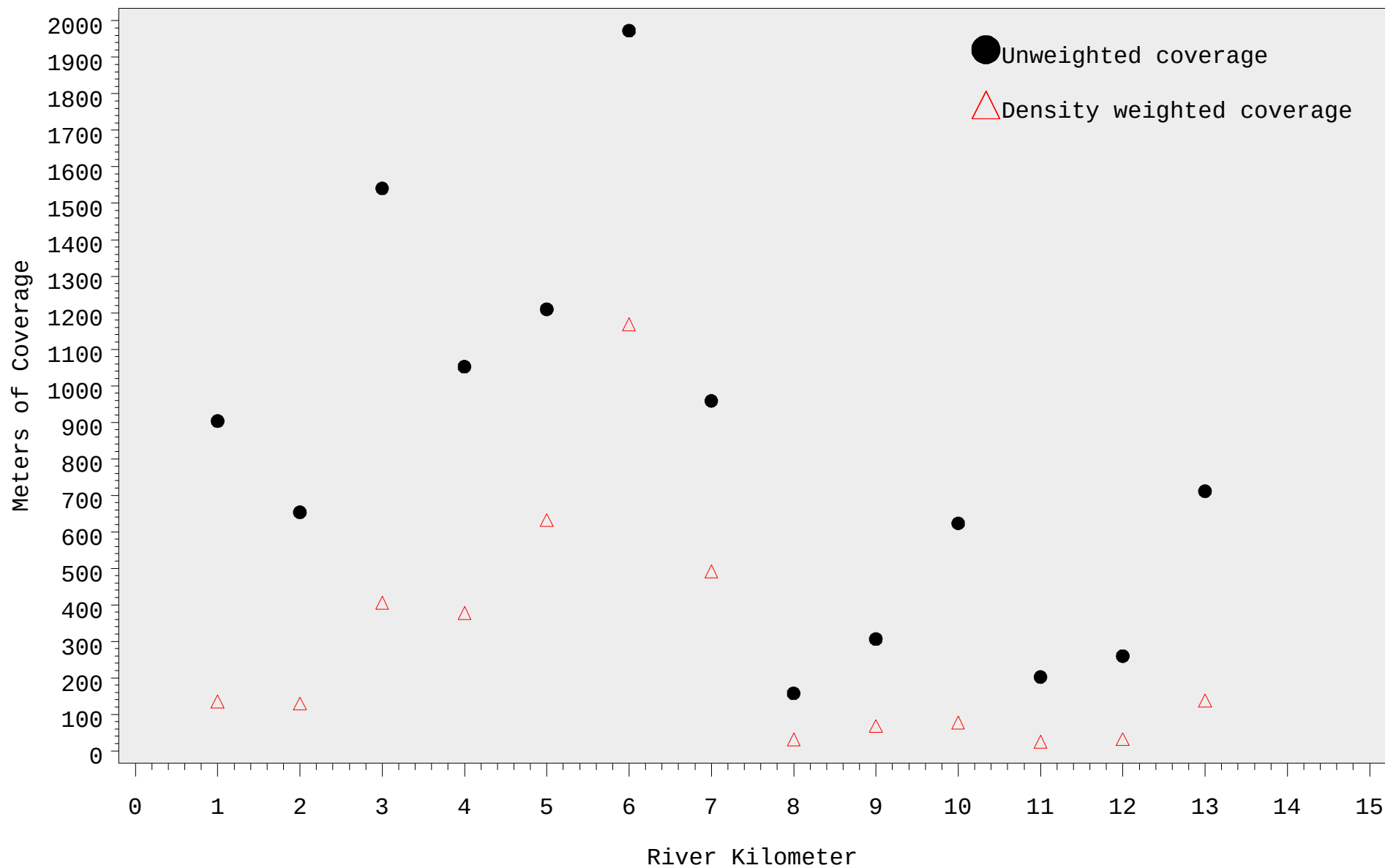
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Juncus roemerianus*



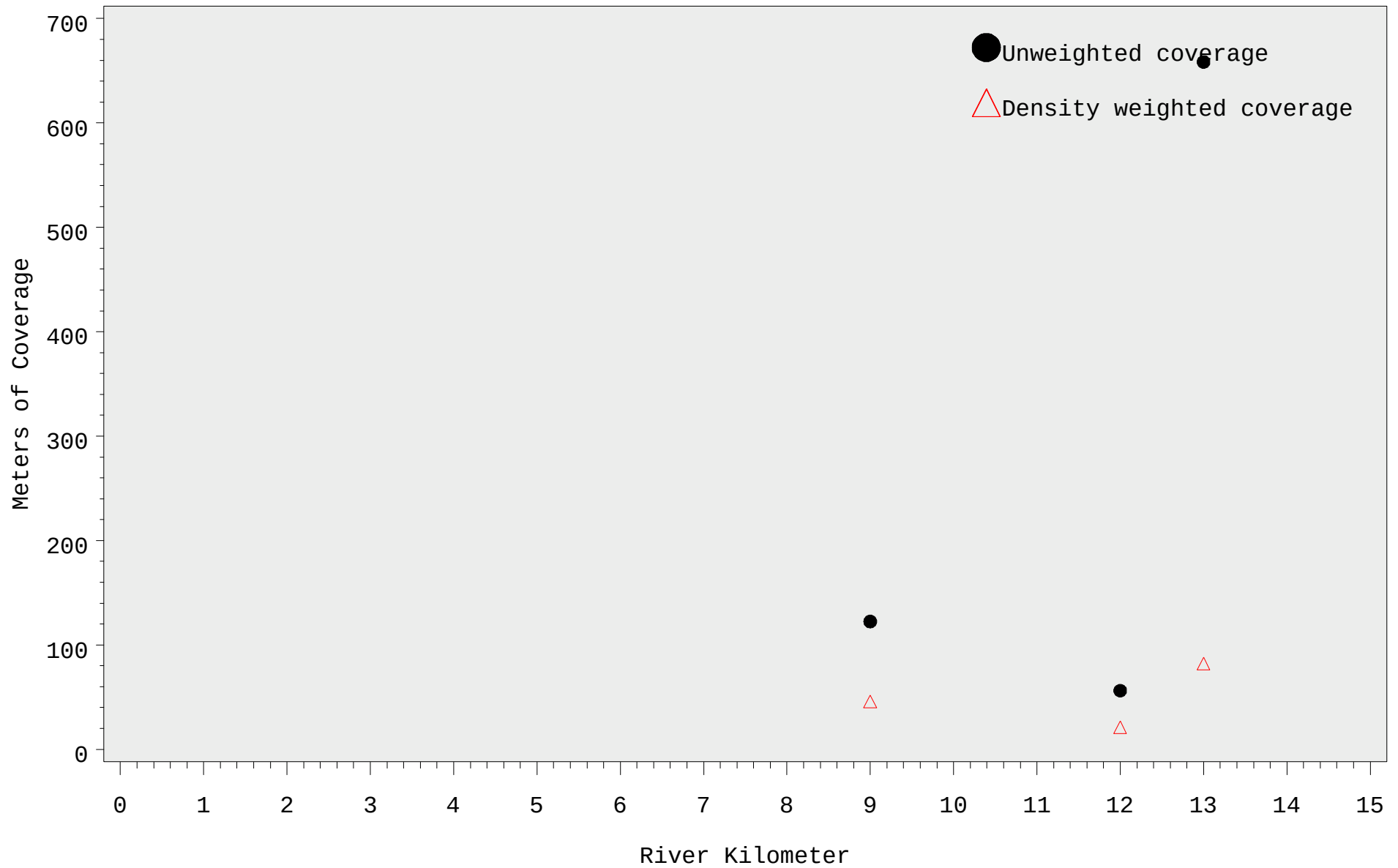
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Juniperus virginiana



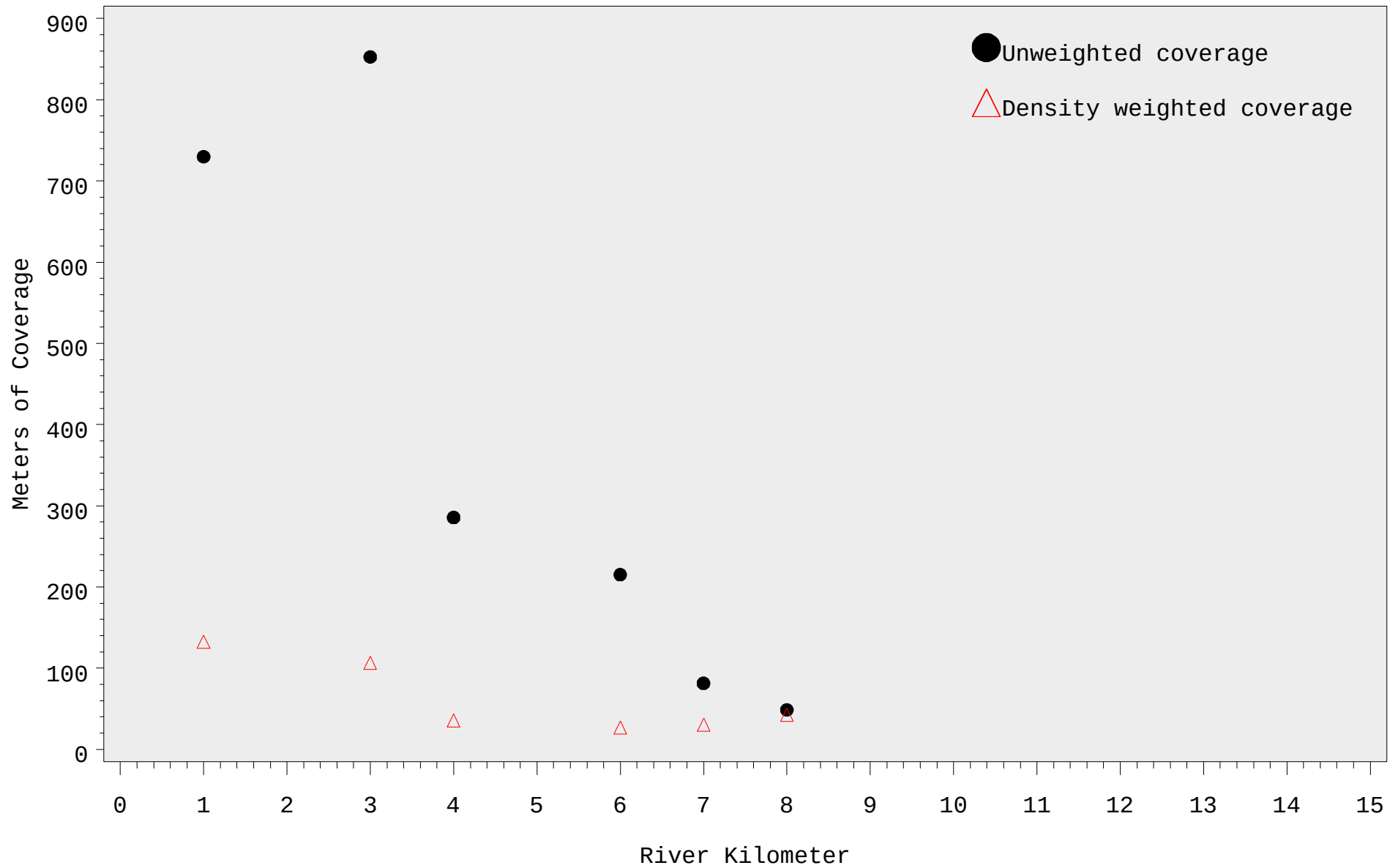
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Liquidambar styraciflua



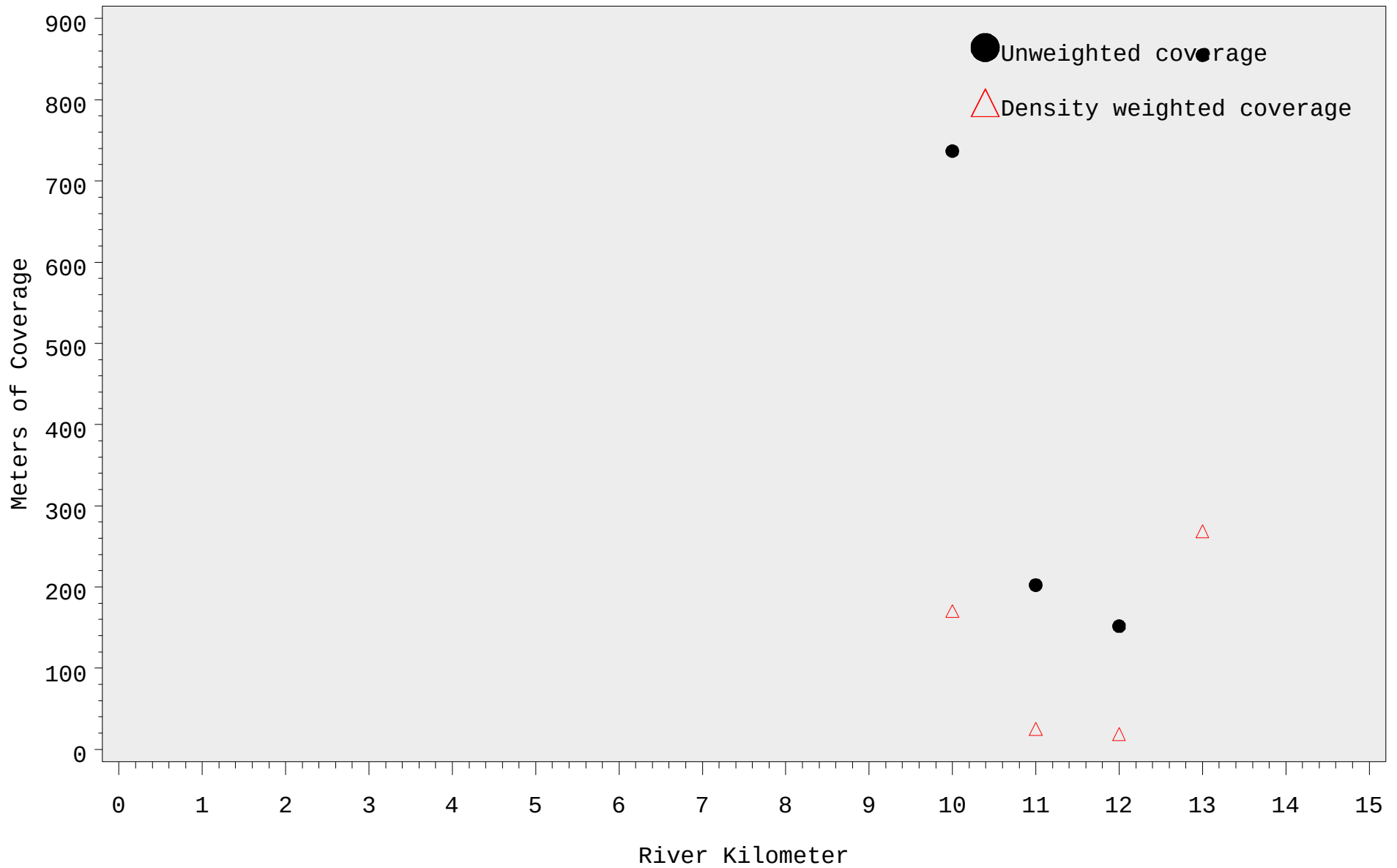
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Lycium carolinianum



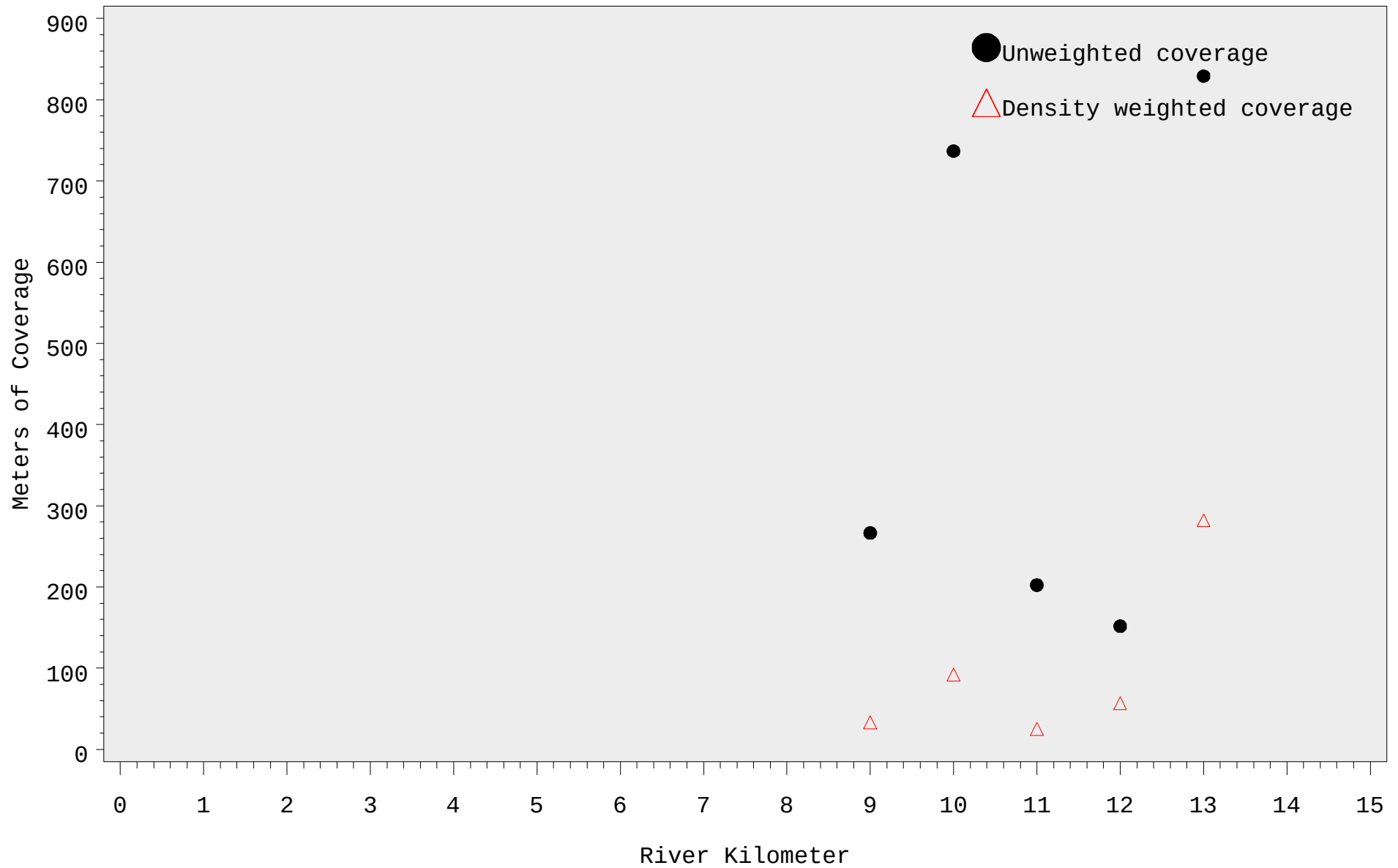
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Magnolia virginiana



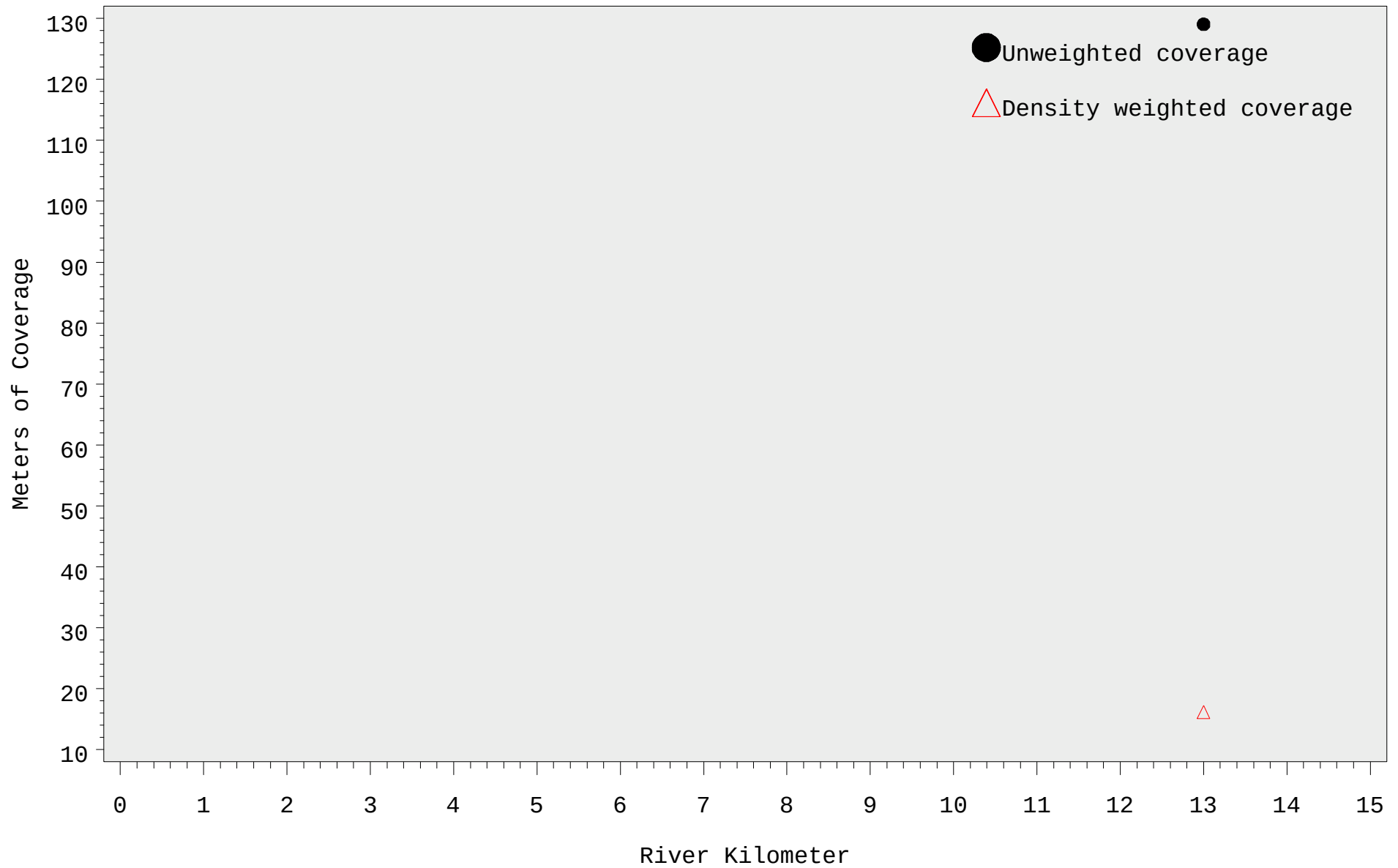
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Myrica cerifera*



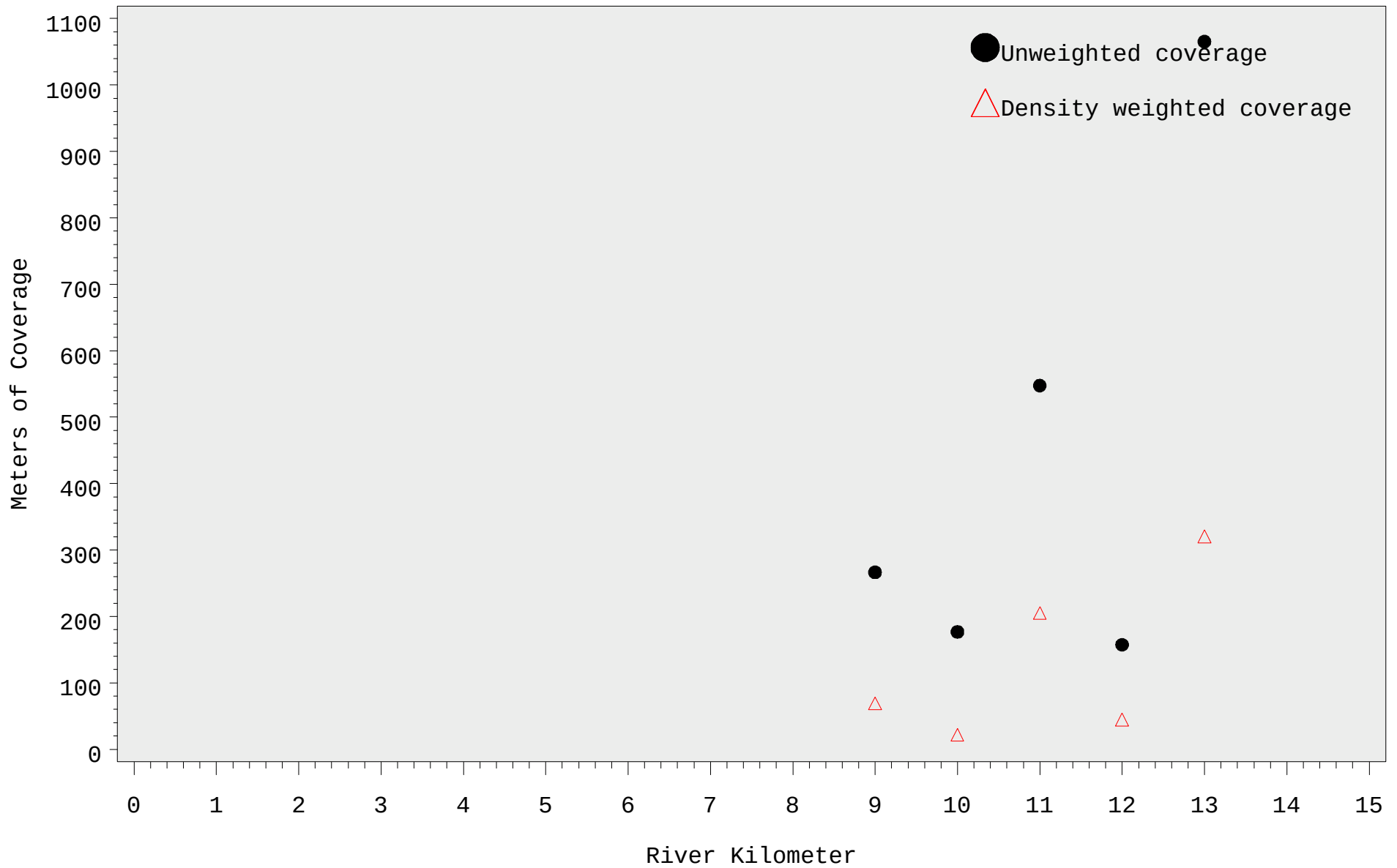
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Persea borbonia*



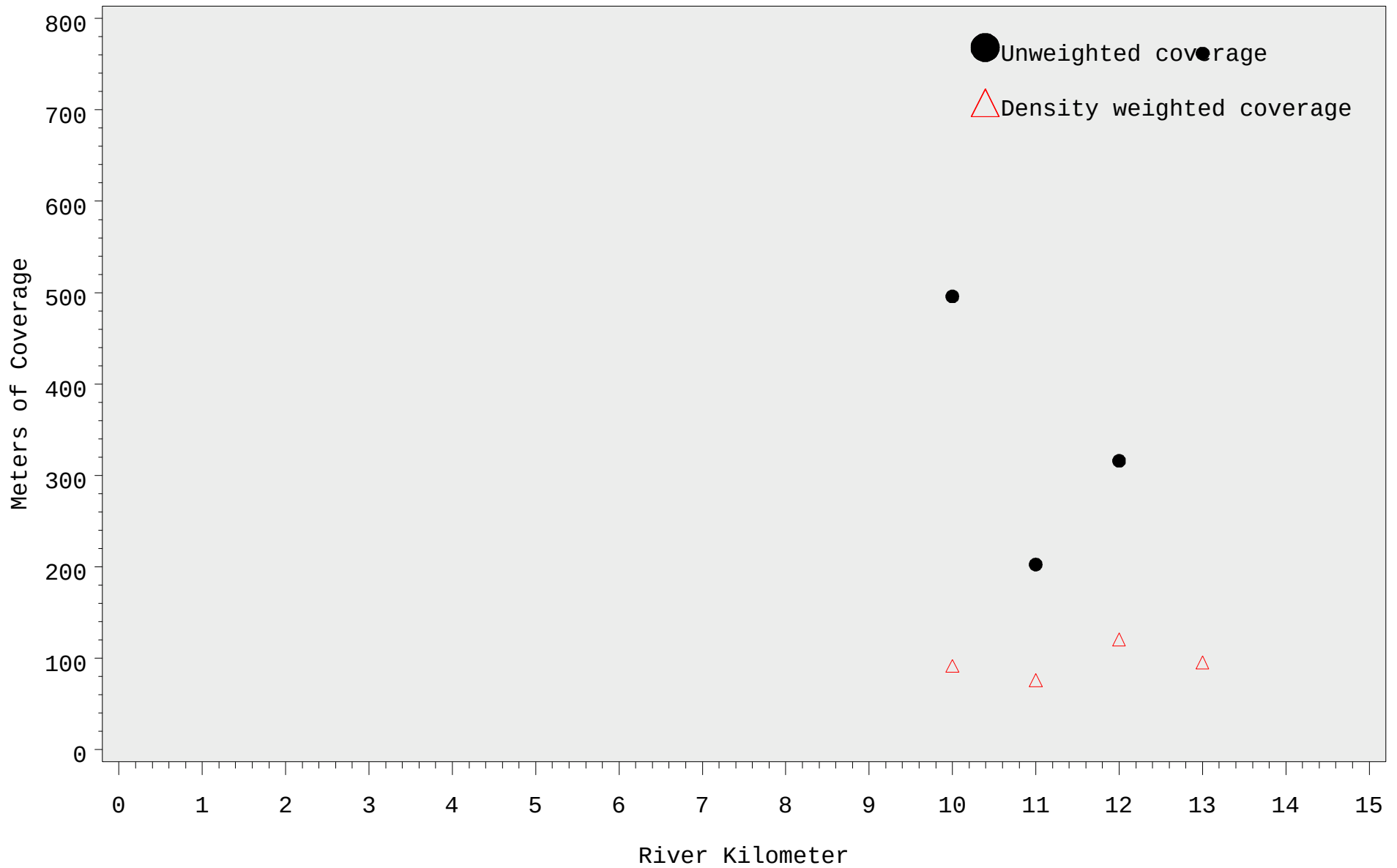
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=*Persea paulustris*



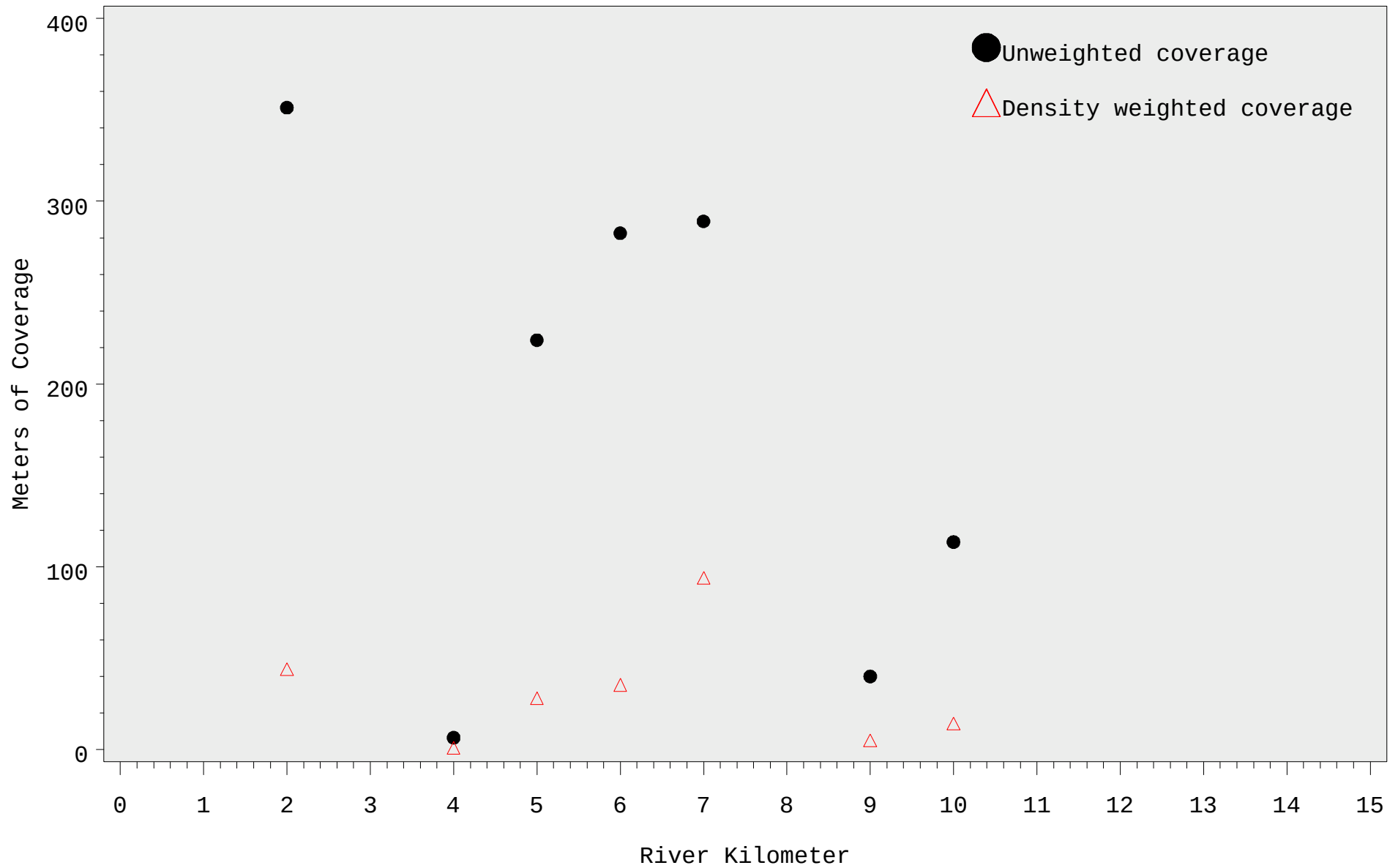
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Quercus laurifolia



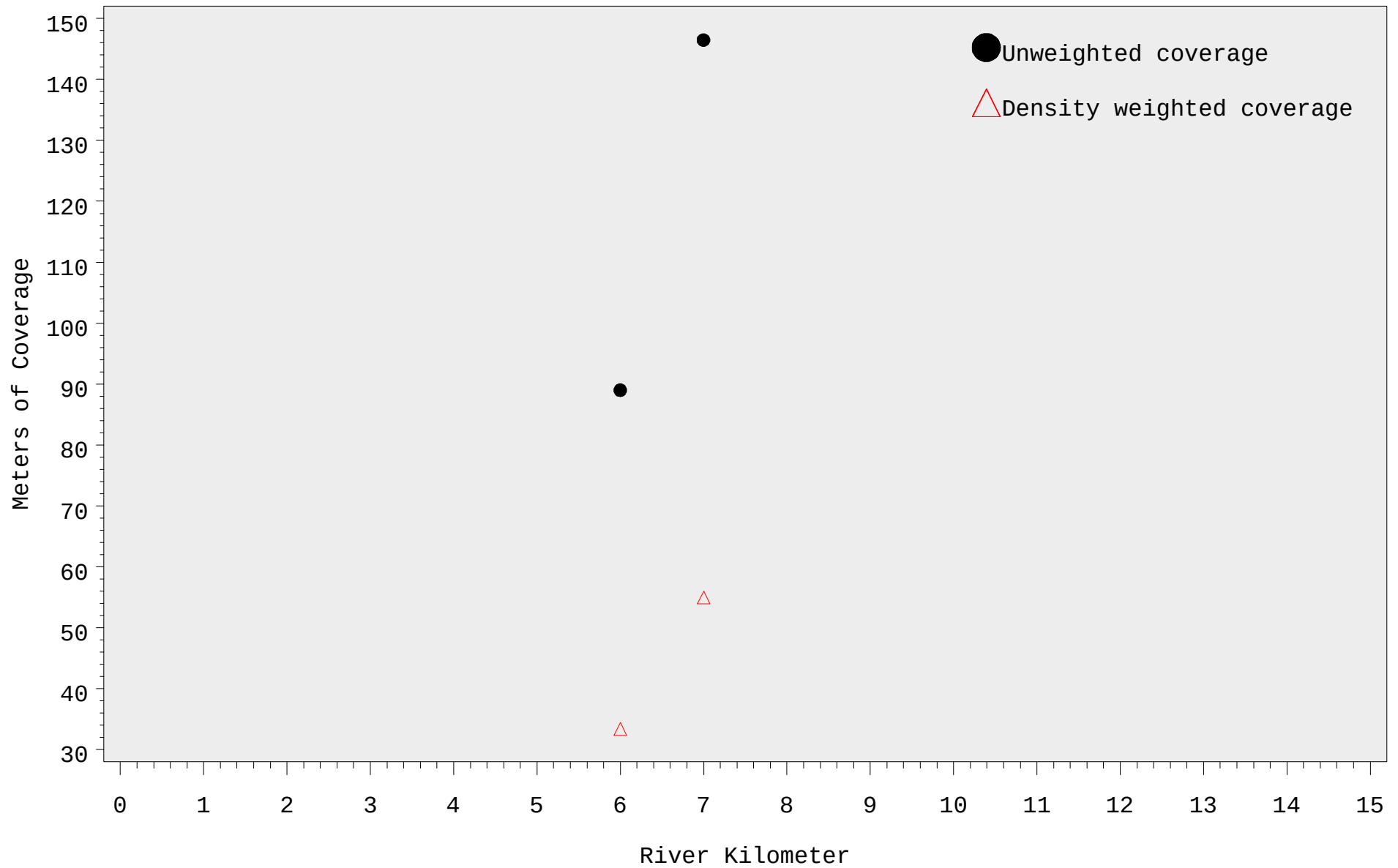
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Quercus spp.



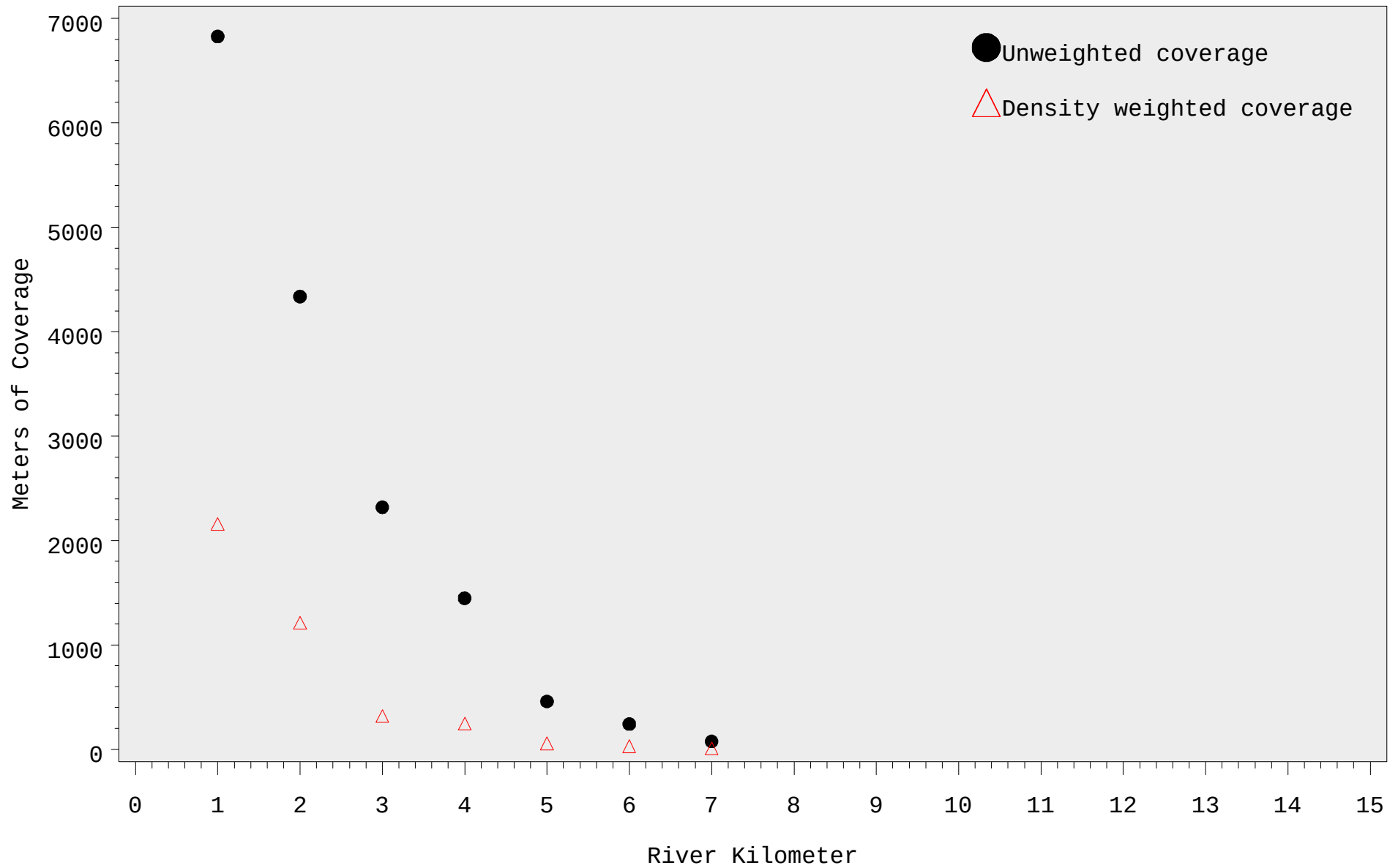
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Quercus virginiana



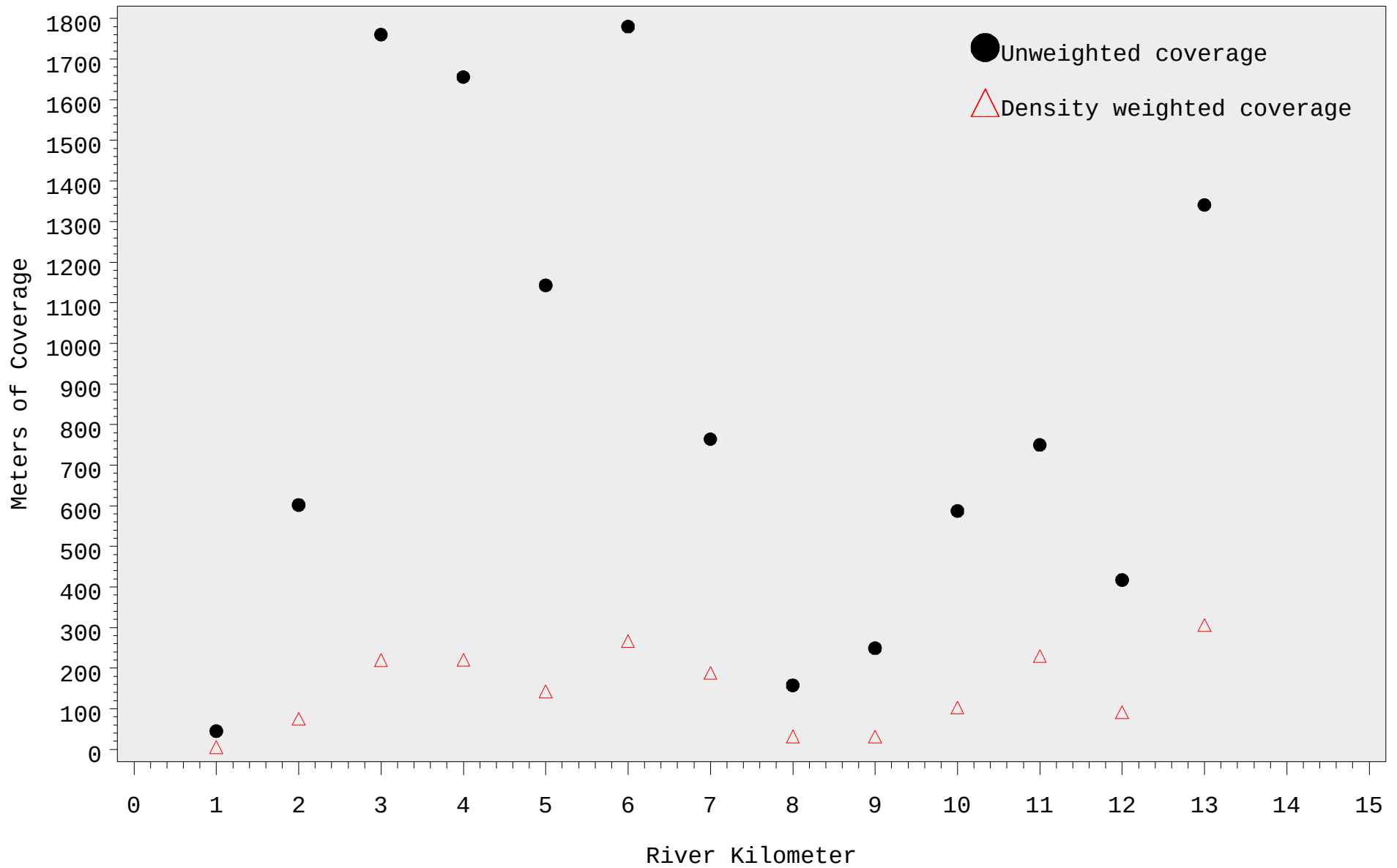
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Rhizophora mangle



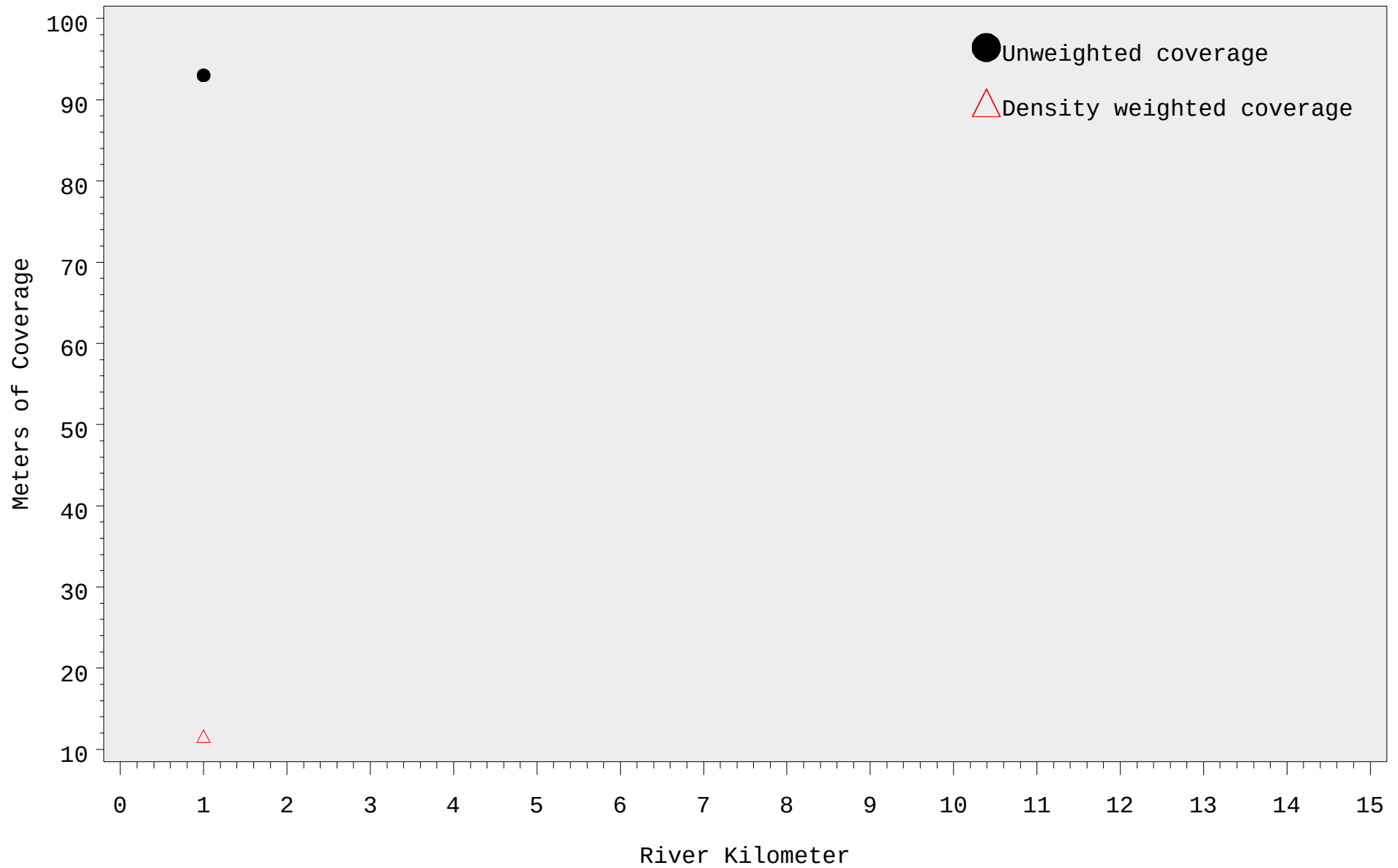
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Sabal palmetto



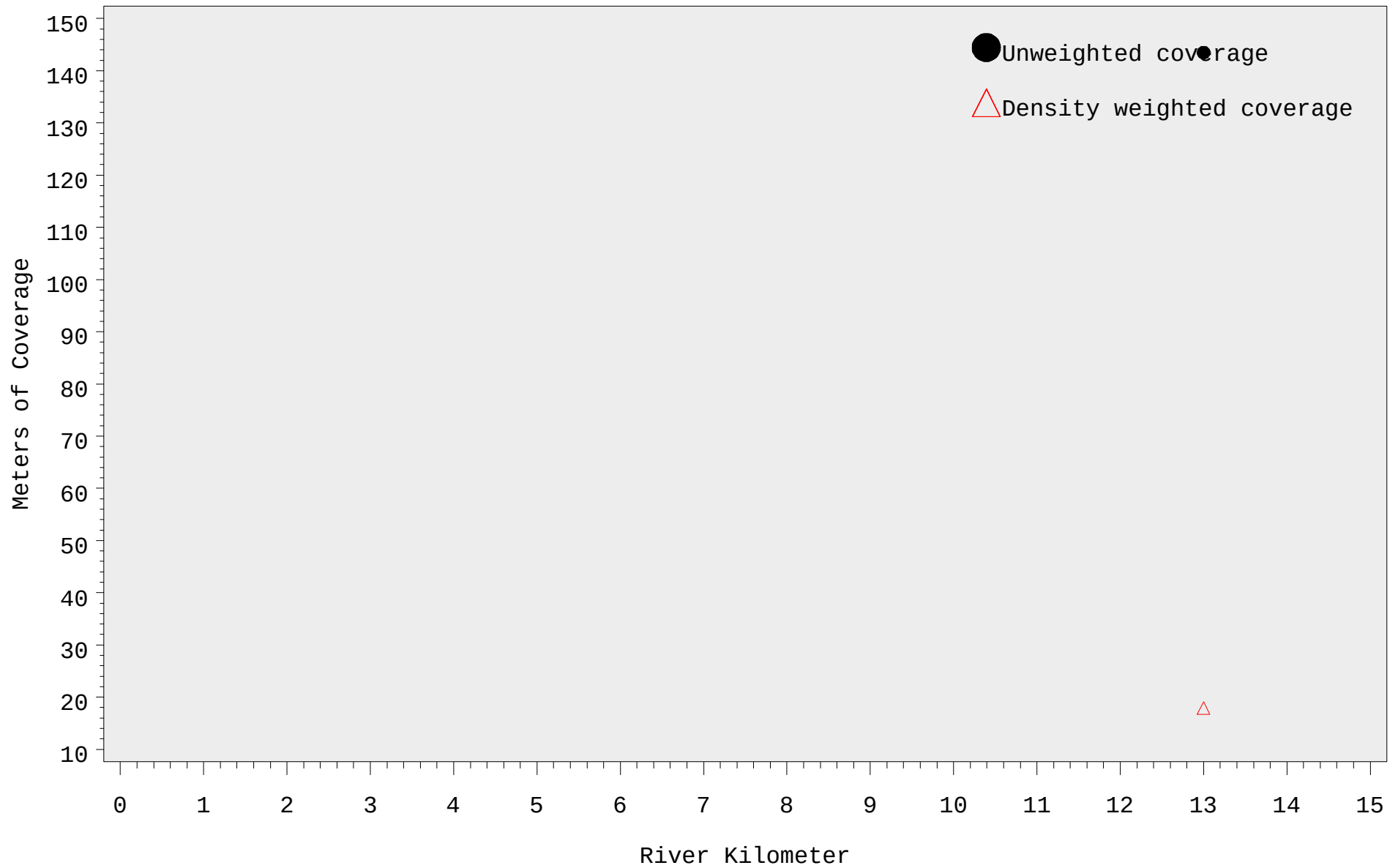
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Salicornia perennis



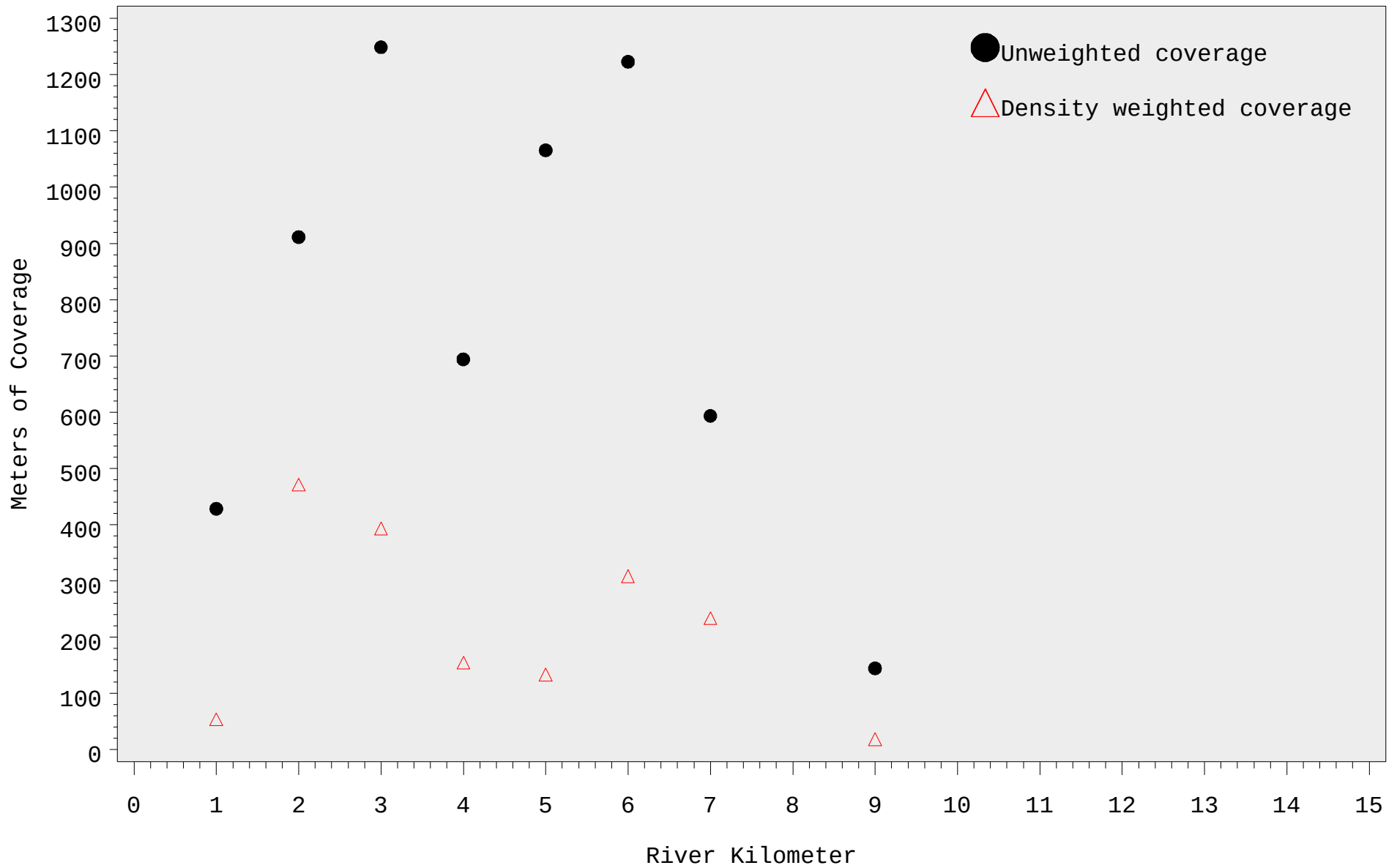
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Salix caroliniana



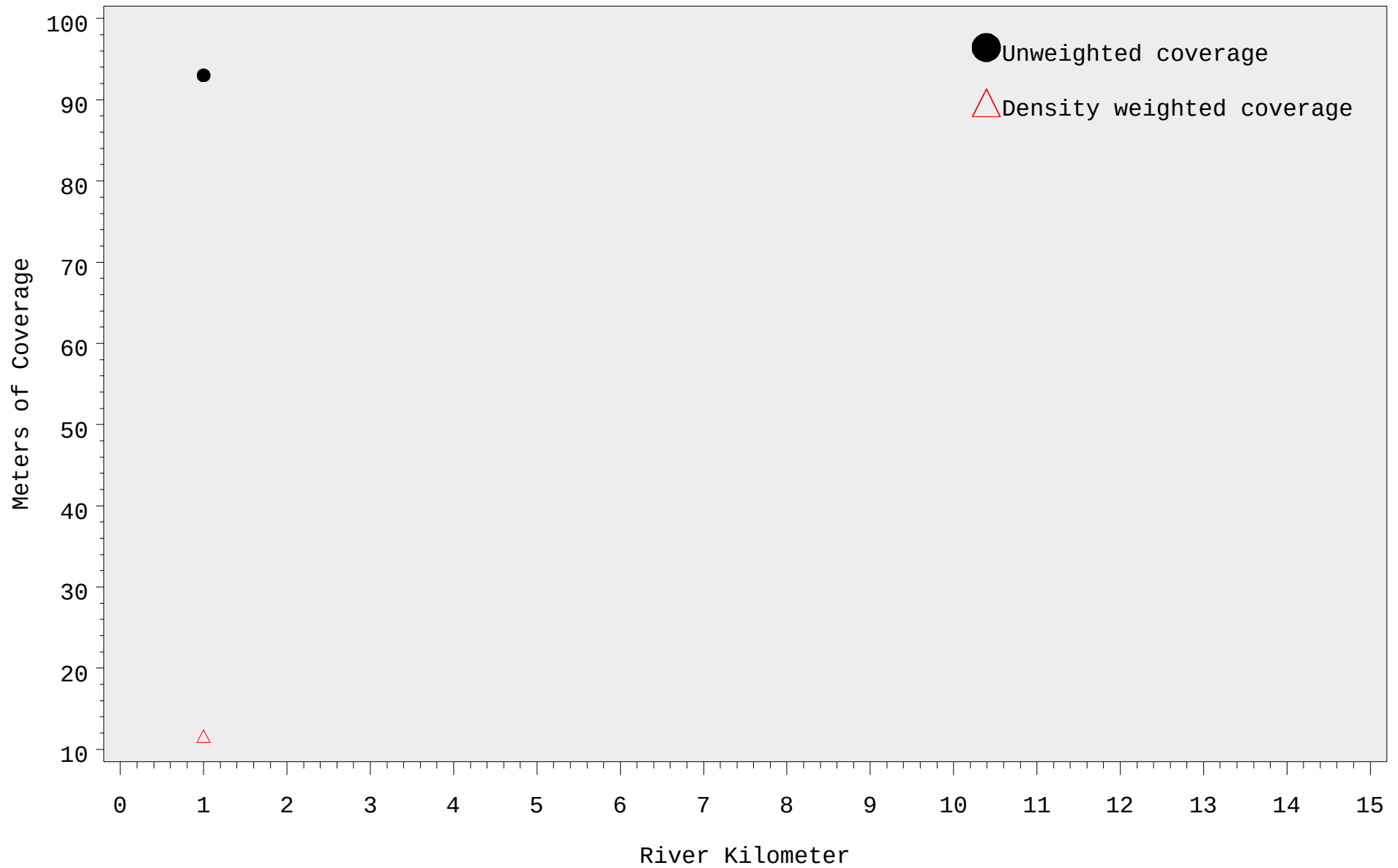
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Schinus terebinthifolius



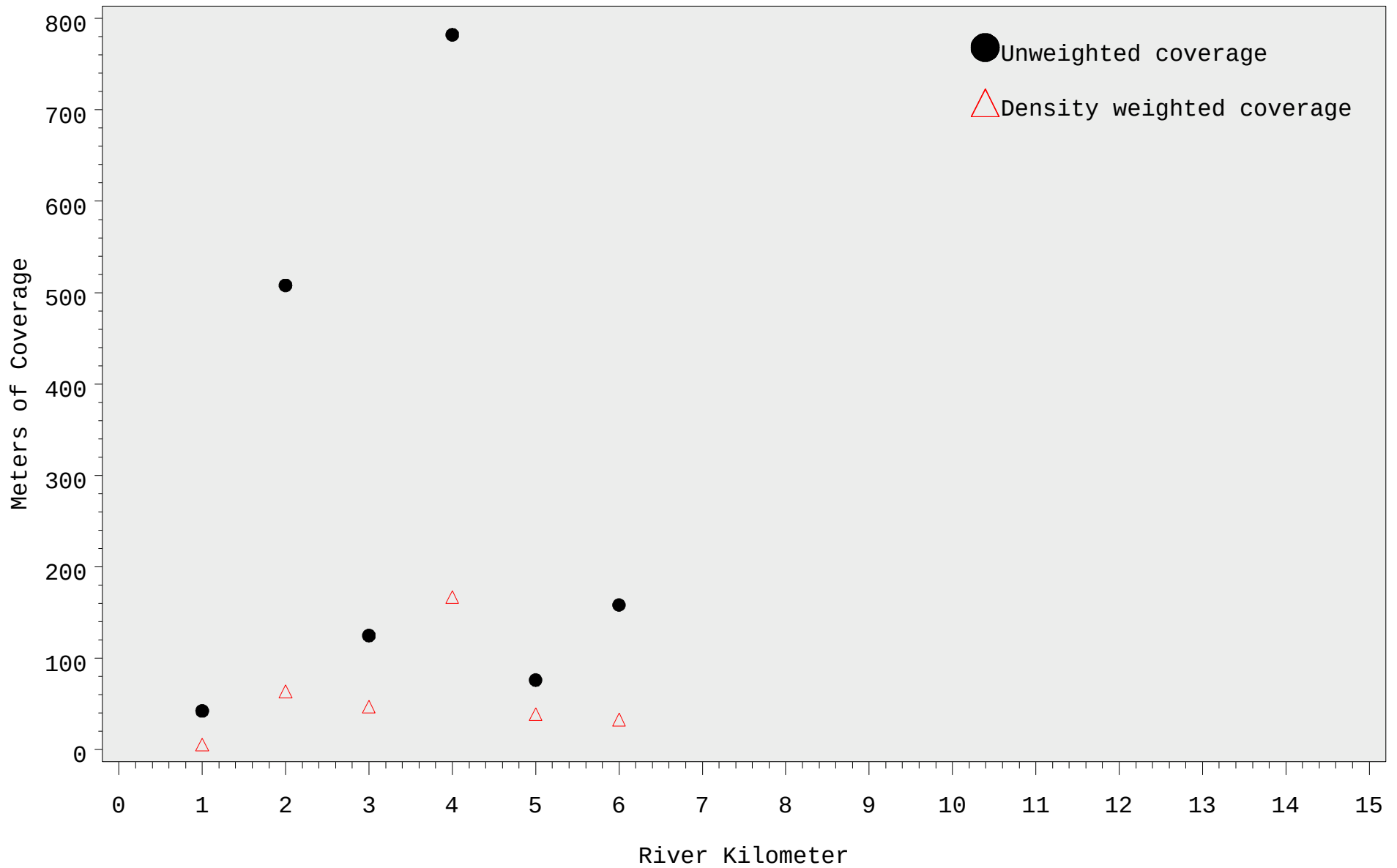
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Sesuvium portulacastrum



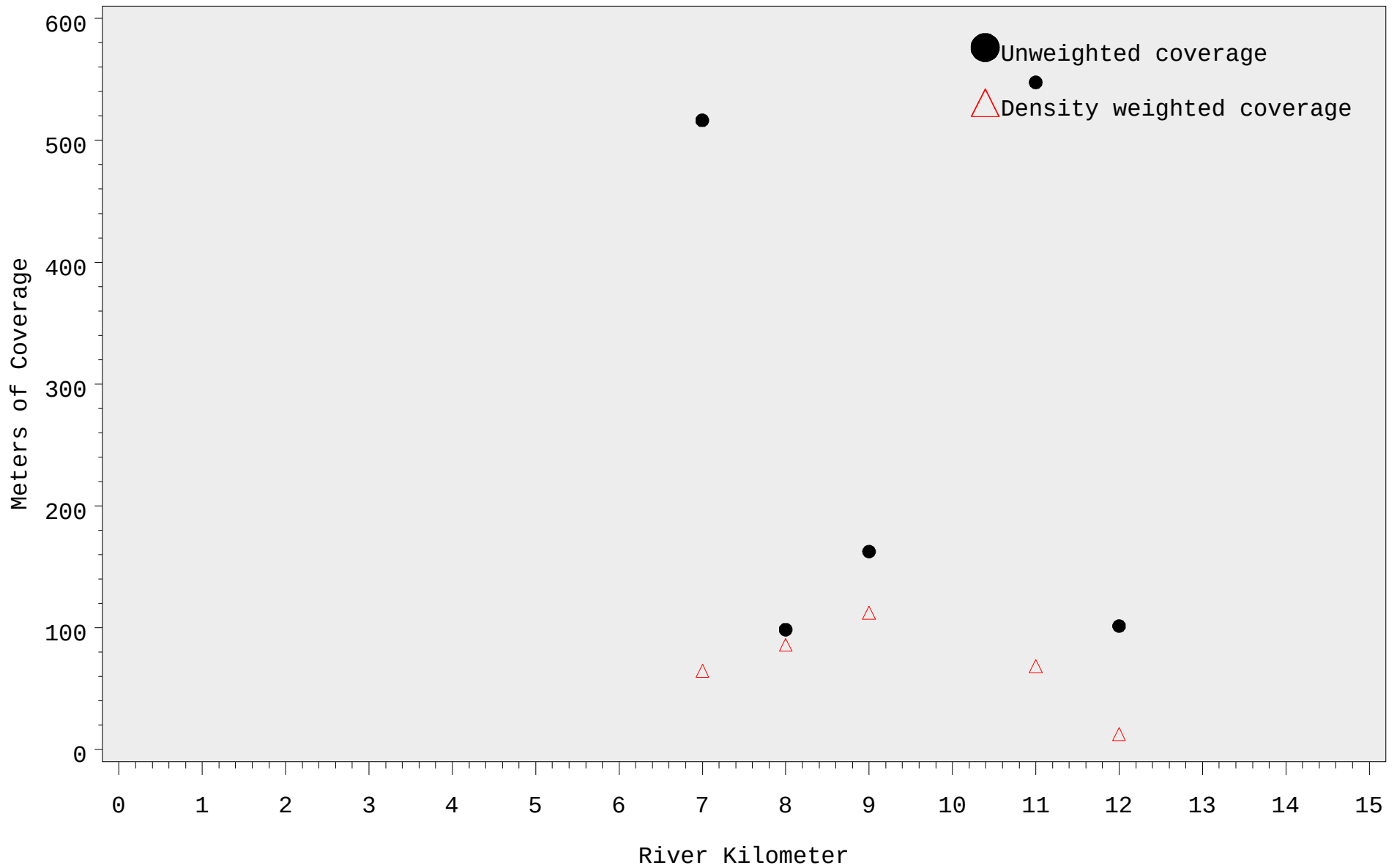
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Spartina alterniflora



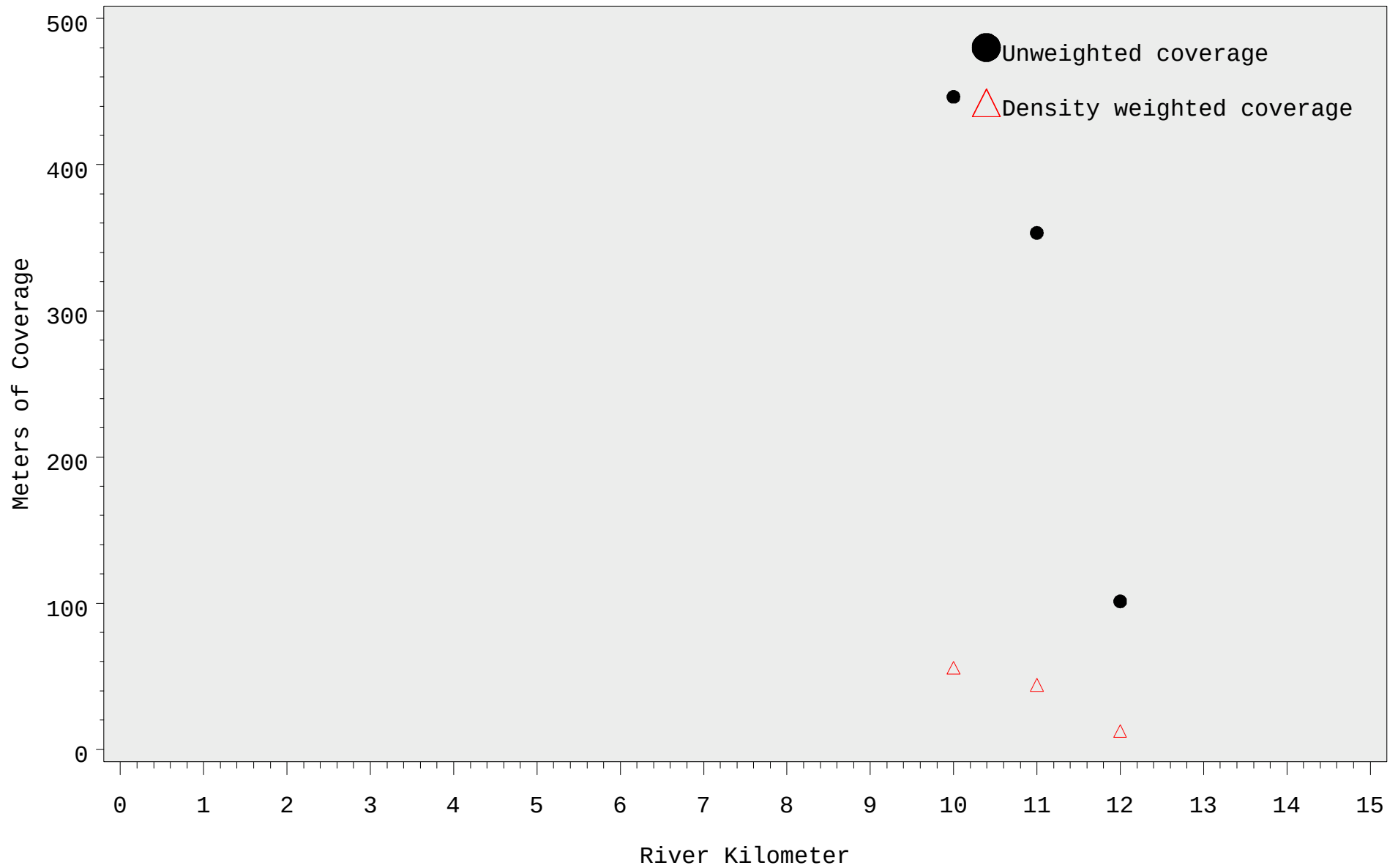
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Typha sp.



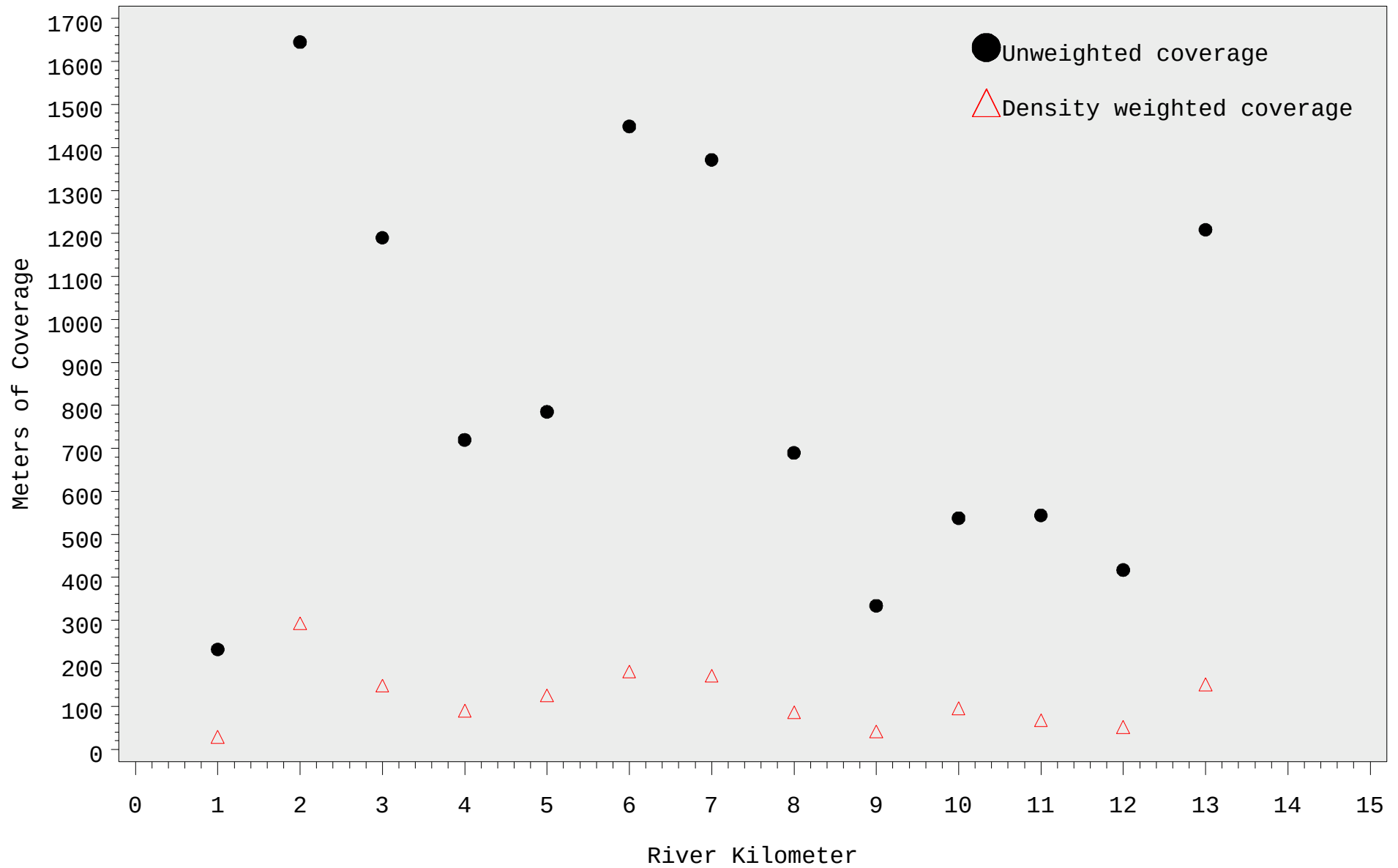
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Ulmus americana



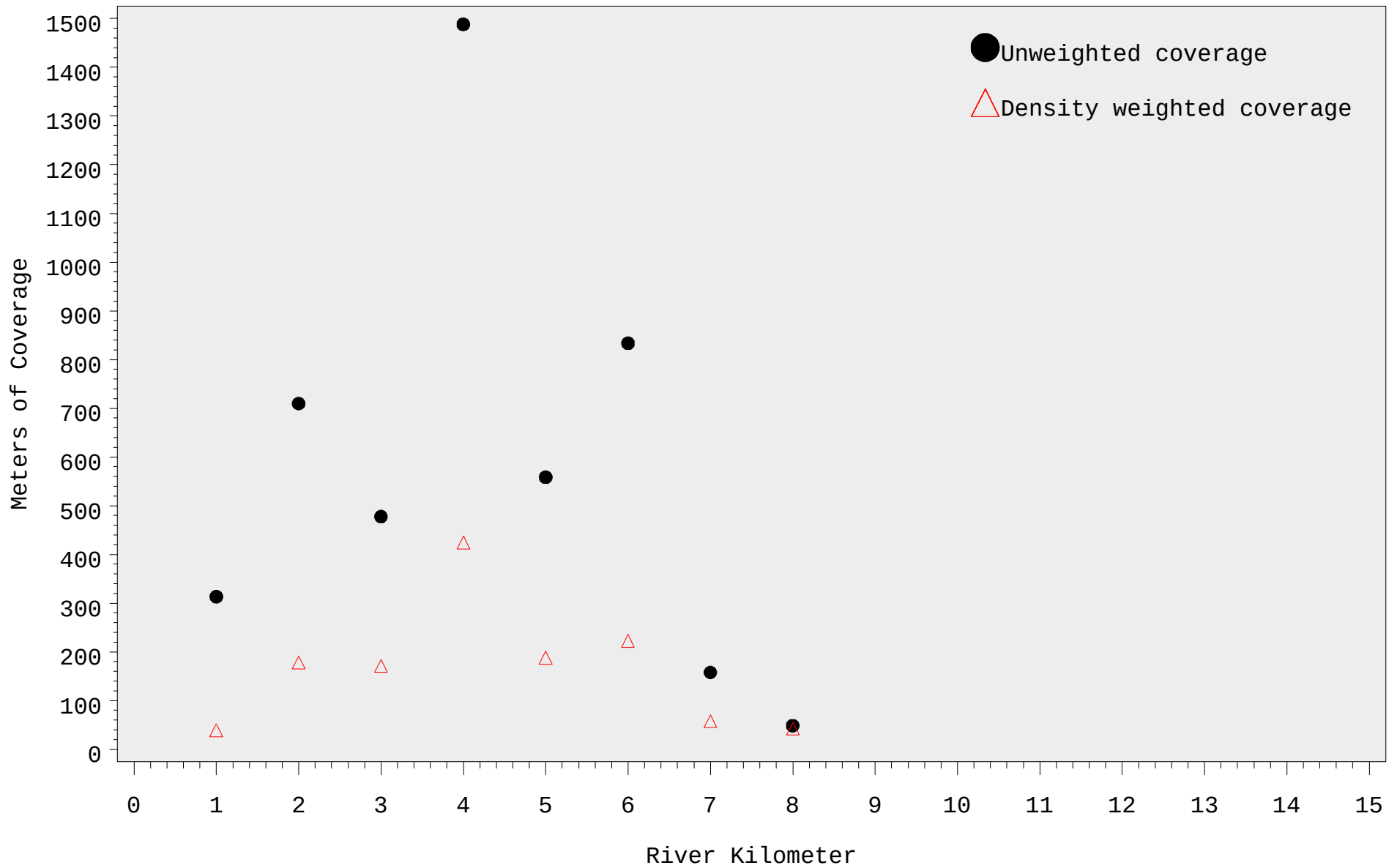
Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Unknown



Homosassa River emergent vegetation coverage (meters) by river kilometer

Scientific Name=Unknown Grass



Homosassa River emergent vegetation coverage (meters) by river kilometer