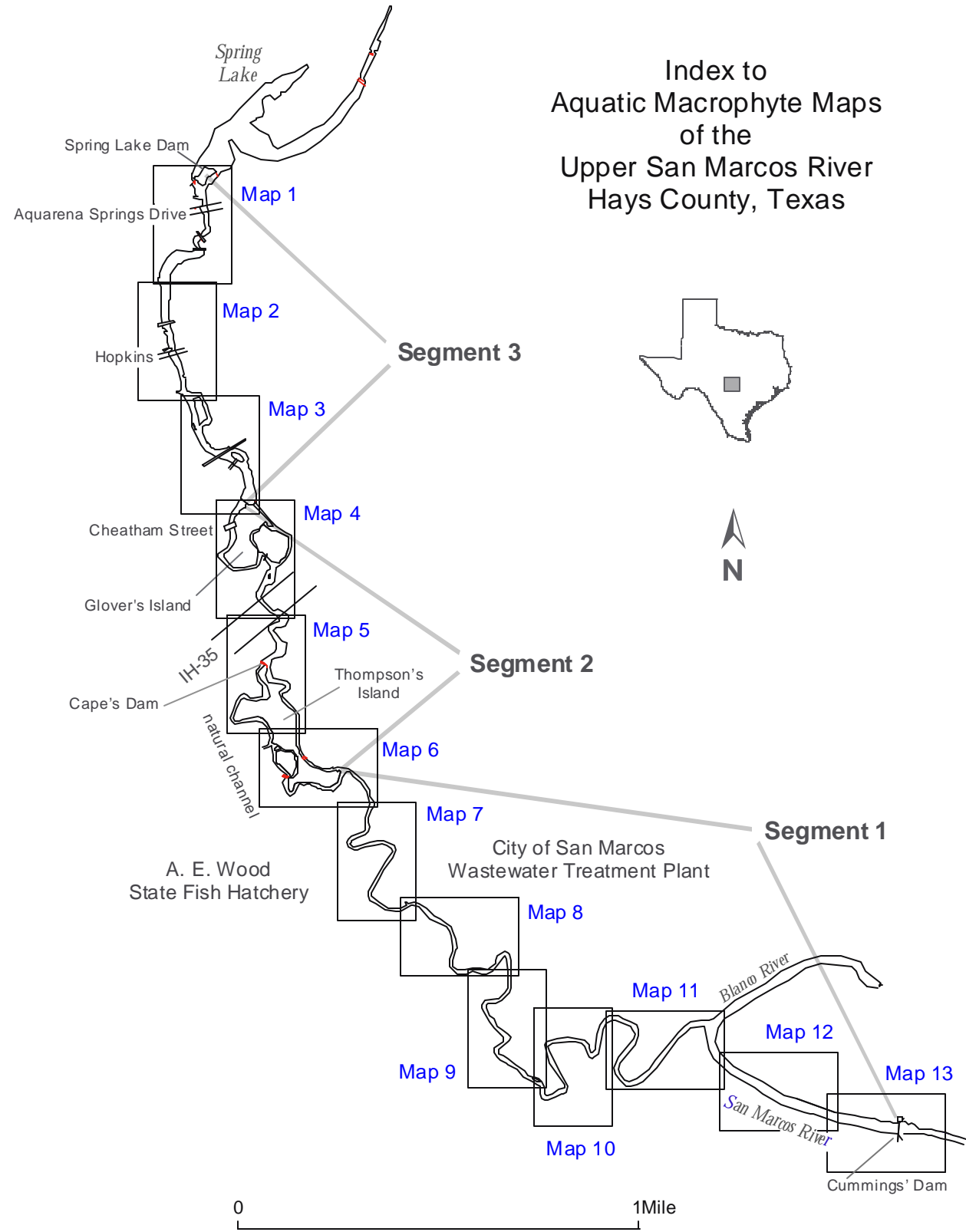


# Index to Aquatic Macrophyte Maps of the Upper San Marcos River Hays County, Texas








## Legend to Aquatic Macrophytes of the Upper San Marcos River

### Macrophytes

	<i>Amblystegium</i>		<i>Hygrophila</i>
	<i>Ceratophyllum</i>		<i>Justicia</i>
	<i>Ceratopteris</i>		<i>Ludwigia</i>
	<i>Cabomba</i>		<i>Myriophyllum</i>
	<i>Colocasia</i>		<i>Nuphar</i>
	<i>Cryptocoryne</i>		<i>Potamogeton</i>
	<i>Egeria</i>		<i>Riccia</i>
	Filamentous algae		<i>Sagittaria</i>
	<i>Heteranthera</i>		<i>Vallisneria</i>
	<i>Hydrilla</i>		<i>Zizania texana</i> (Texas wild-rice)
	<i>Hydrocotyle</i>		

### Macrophyte Complexes

	<i>Cabomba</i> complex
	<i>Egeria</i> complex
	<i>Hydrilla</i> complex
	<i>Hygrophila</i> complex
	<i>Potamogeton</i> complex
	<i>Sagittaria</i> complex
	<i>Vallisneria</i> complex

# Aquatic Macrophytes of the Upper San Marcos River

Map 1 of 13

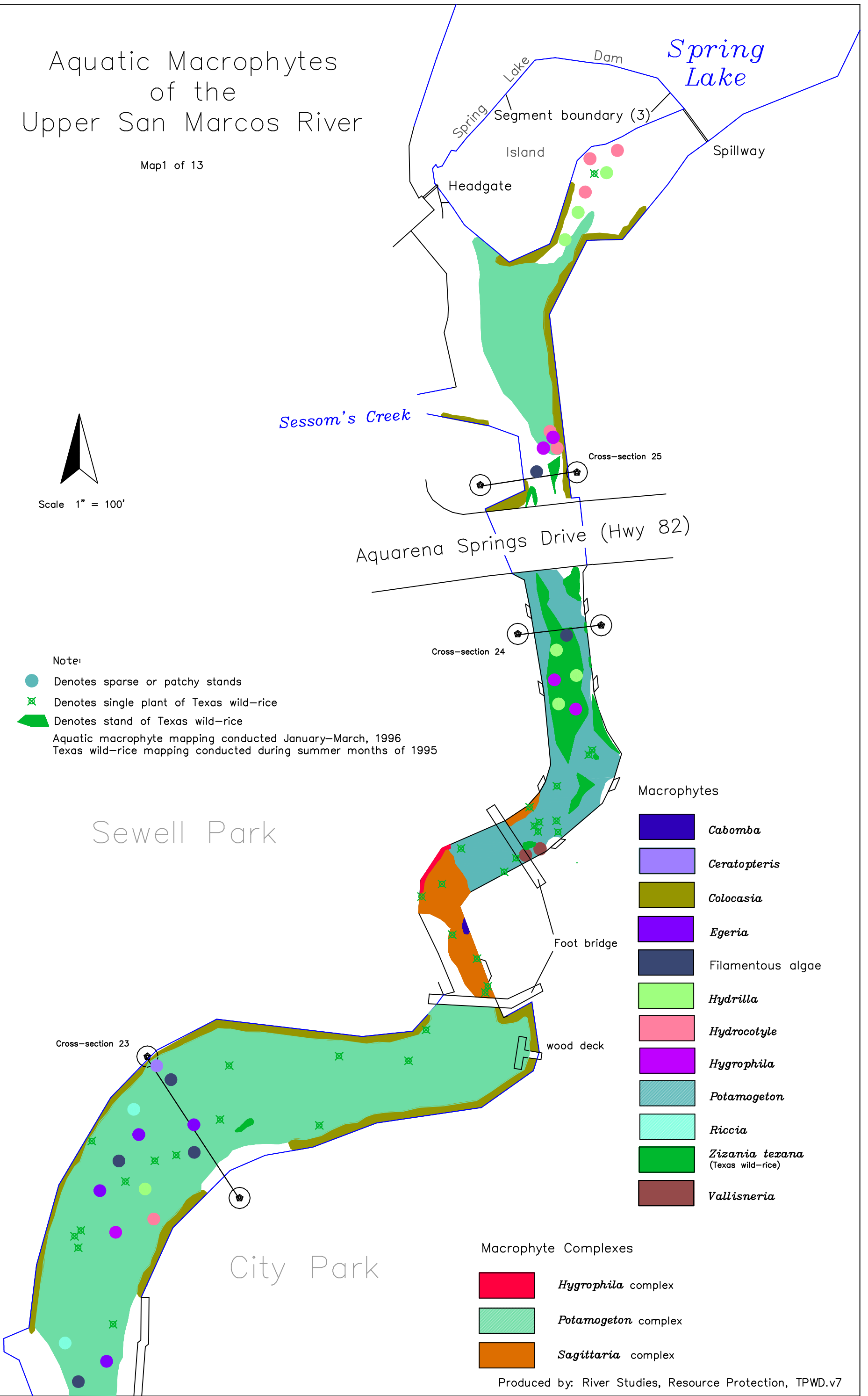


Scale 1" = 100'

Note:

- Denotes sparse or patchy stands
- ✕ Denotes single plant of Texas wild-rice
- ▭ Denotes stand of Texas wild-rice

Aquatic macrophyte mapping conducted January–March, 1996  
 Texas wild-rice mapping conducted during summer months of 1995



### Macrophytes

- ▭ *Cabomba*
- ▭ *Ceratopteris*
- ▭ *Colocasia*
- ▭ *Egeria*
- ▭ Filamentous algae
- ▭ *Hydrilla*
- ▭ *Hydrocotyle*
- ▭ *Hygrophila*
- ▭ *Potamogeton*
- ▭ *Riccia*
- ▭ *Zizania texana* (Texas wild-rice)
- ▭ *Vallisneria*

### Macrophyte Complexes

- ▭ *Hygrophila* complex
- ▭ *Potamogeton* complex
- ▭ *Sagittaria* complex

Produced by: River Studies, Resource Protection, TPWD.v7

Map 1.—Distribution of aquatic macrophytes in the upper San Marcos River.













# Aquatic Macrophytes of the Upper San Marcos River

Map 2 of 13

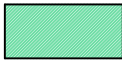





Scale 1" = 100'




## Macrophytes

	<i>Colocasia</i>
	<i>Egeria</i>
	Filamentous algae
	<i>Heteranthera</i>
	<i>Hydrilla</i>
	<i>Hygrophila</i>
	<i>Ludwigia</i>
	<i>Myriophyllum</i>
	<i>Riccia</i>
	<i>Sagittaria</i>
	<i>Vallisneria</i>
	<i>Zizania texana</i> (Texas wild-rice)

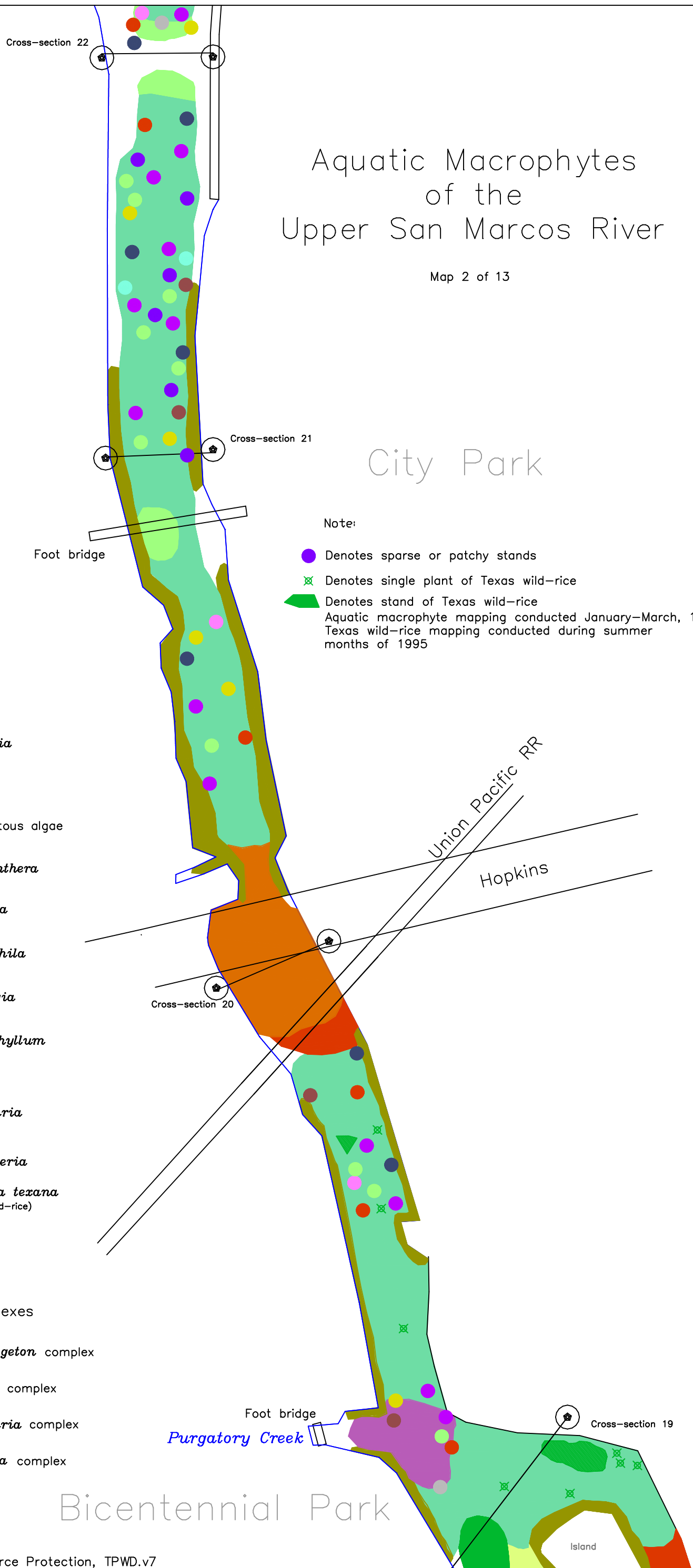
## Macrophyte Complexes

	<i>Potamogeton</i> complex
	<i>Egeria</i> complex
	<i>Sagittaria</i> complex
	<i>Hydrilla</i> complex

## Note:

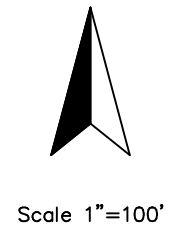
-  Denotes sparse or patchy stands
-  Denotes single plant of Texas wild-rice
-  Denotes stand of Texas wild-rice

Aquatic macrophyte mapping conducted January–March, 1996  
Texas wild-rice mapping conducted during summer months of 1995



# Aquatic Macrophytes of the Upper San Marcos River

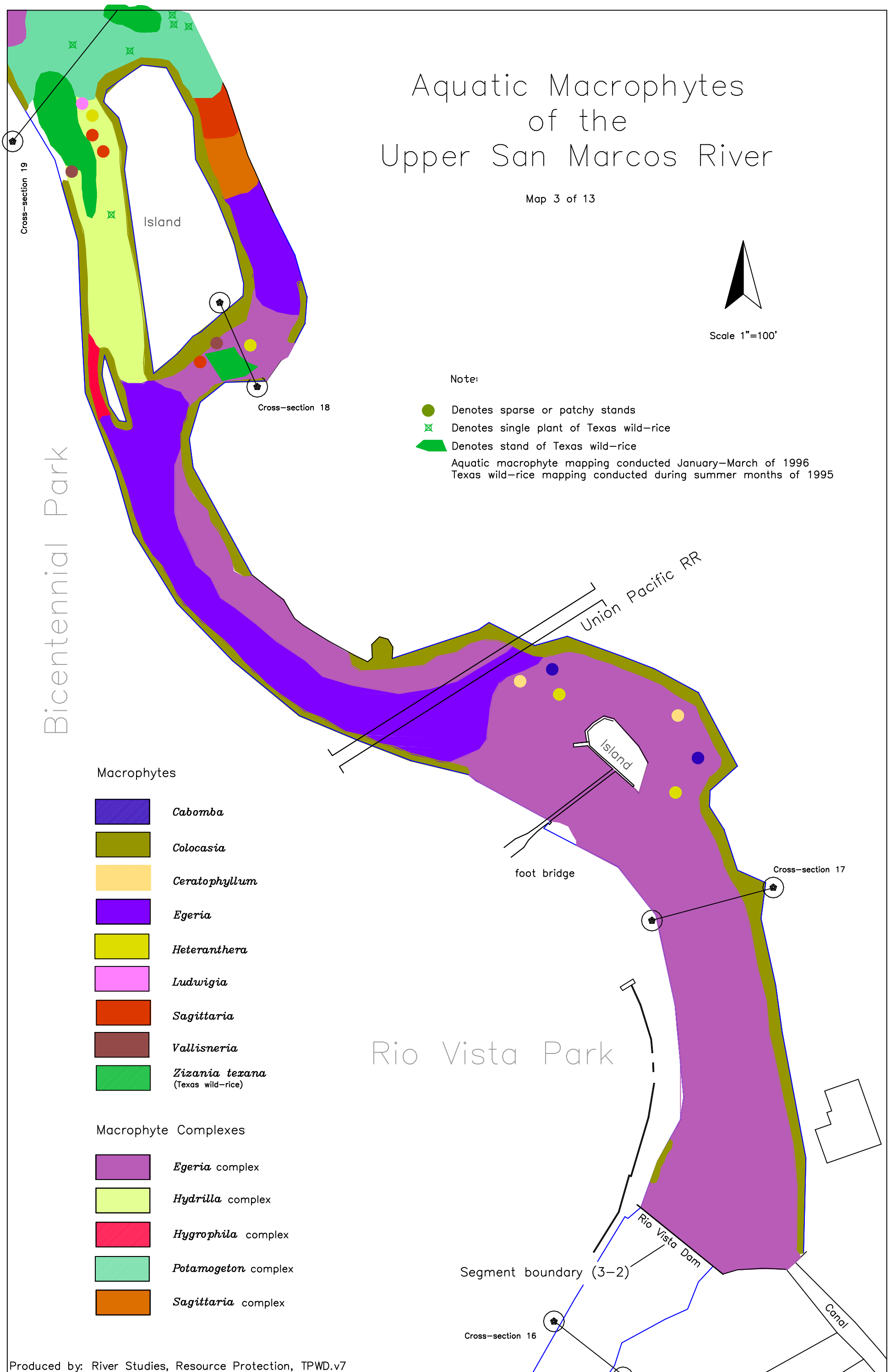
Map 3 of 13



Note:

- Denotes sparse or patchy stands
- ✕ Denotes single plant of Texas wild-rice
- Denotes stand of Texas wild-rice

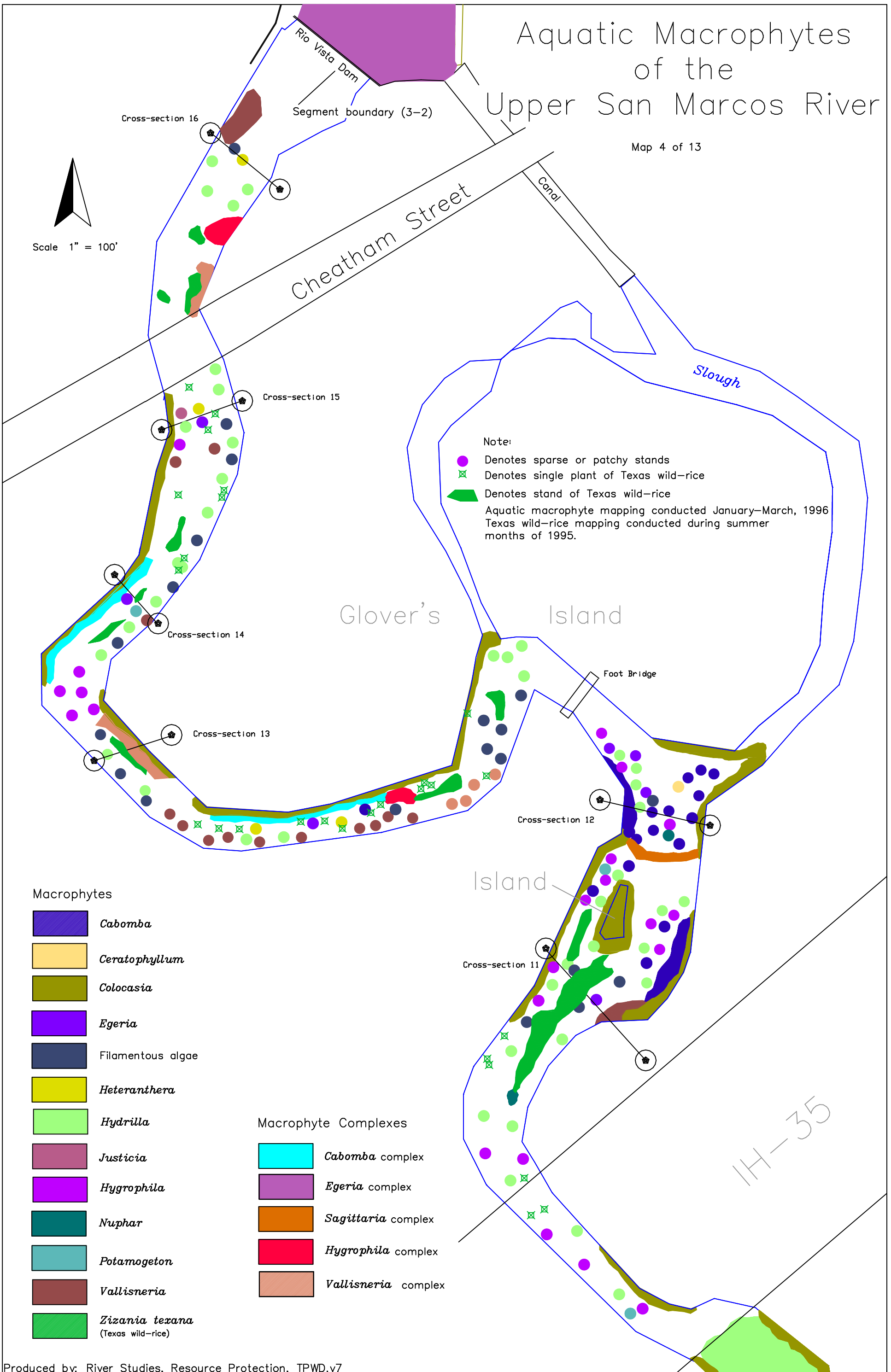
Aquatic macrophyte mapping conducted January–March of 1996  
Texas wild-rice mapping conducted during summer months of 1995



# Aquatic Macrophytes of the Upper San Marcos River

Map 4 of 13

Scale 1" = 100'



Produced by: River Studies, Resource Protection, TPWD.v7












Map 4.—Distribution of aquatic macrophytes in the upper San Marcos River.

# Aquatic Macrophytes of the Upper San Marcos River

Map 5 of 13

IH-35

## Macrophytes

-  *Amblystegium*
-  *Cabomba*
-  *Colocasia*
-  *Ceratophyllum*
-  *Egeria*
-  Filamentous algae
-  *Heteranthera*
-  *Hydrilla*
-  *Hydrocotyle*
-  *Hygrophila*
-  *Justicia*
-  *Nuphar*
-  *Potamogeton*
-  *Riccia*
-  *Sagittaria*
-  *Zizania texana*  
(Texas wild-rice)

## Macrophyte Complexes

-  *Sagittaria* complex



Scale 1" = 100'

Cape's Dam

Cape's Camp

Foot bridge

natural channel




Thompson's Island

Thompson's millrace

Cross-section 8

Cross-section 7

### Note:

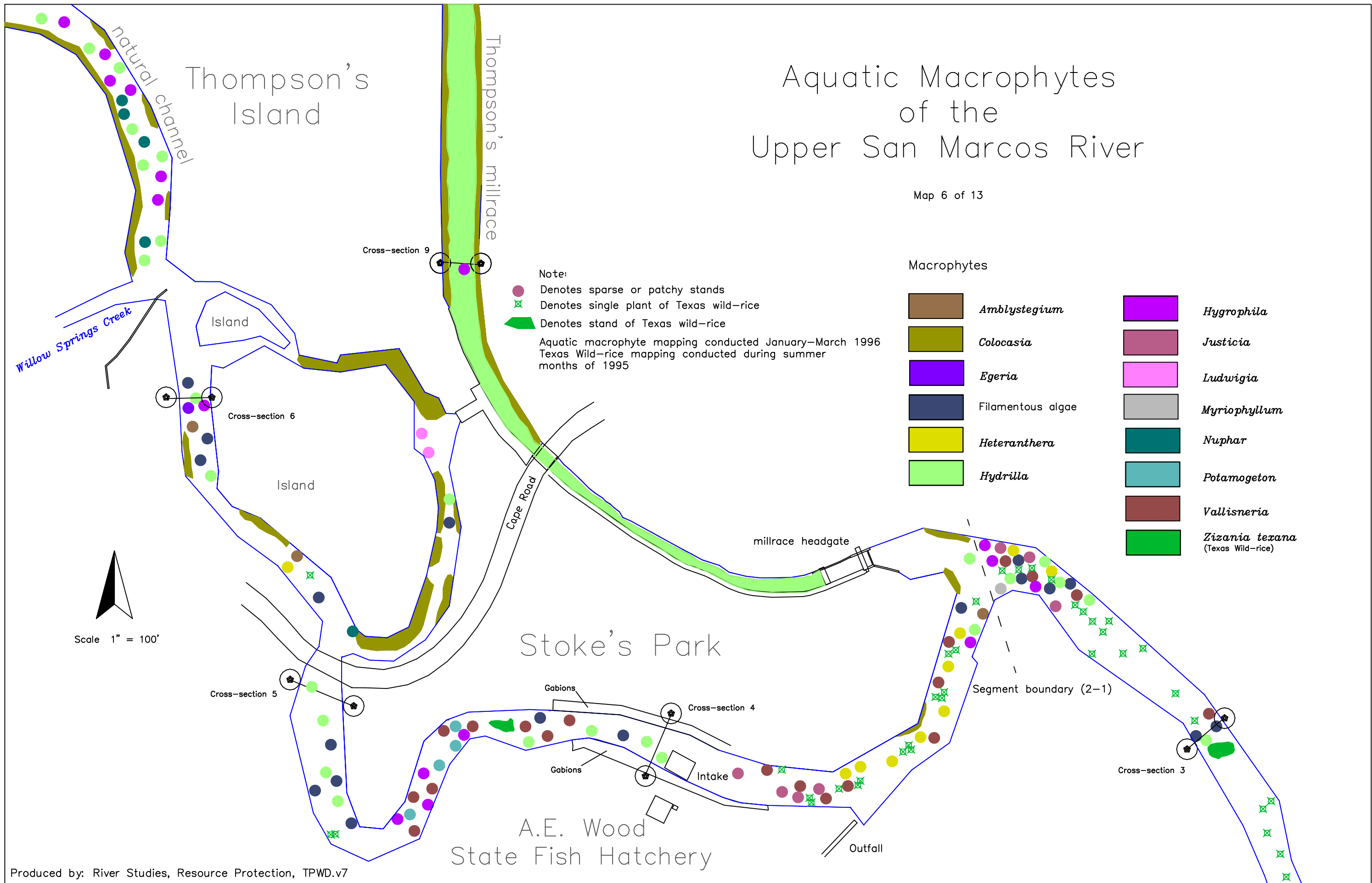
-  Denotes sparse or patchy stands
-  Denotes single plant of Texas wild-rice
-  Denotes stand of Texas wild-rice

Aquatic macrophyte mapping conducted January–March 1996  
Texas wild-rice mapping conducted during summer months of 1995



# Aquatic Macrophytes of the Upper San Marcos River

Map 6 of 13



Produced by: River Studies, Resource Protection, TPWD.v7

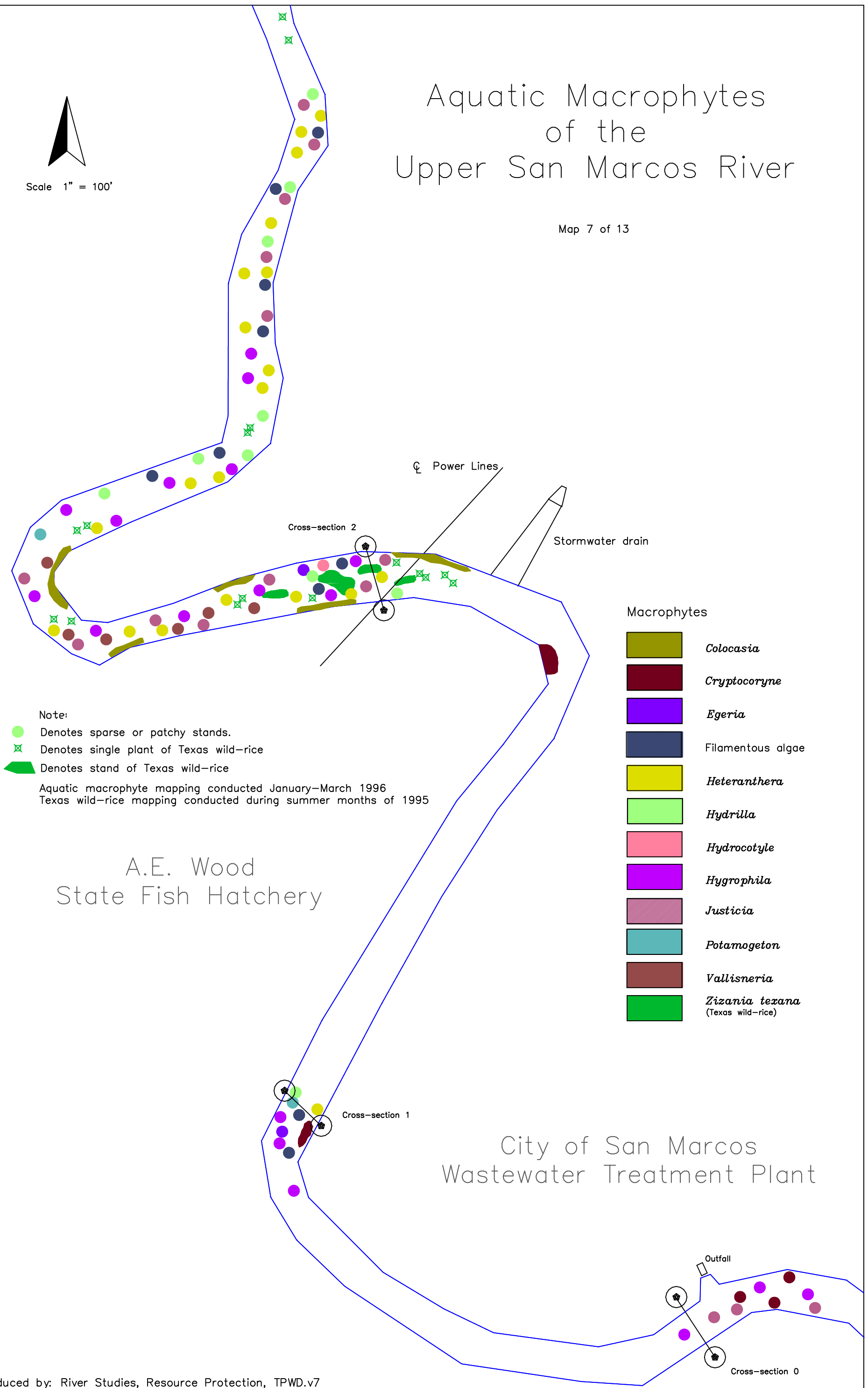
Map 6.—Distribution of aquatic macrophytes in the upper San Marcos River.



# Aquatic Macrophytes of the Upper San Marcos River

Map 7 of 13

Scale 1" = 100'



Note:  
 ● Denotes sparse or patchy stands.  
 ☒ Denotes single plant of Texas wild-rice  
 ■ Denotes stand of Texas wild-rice

Aquatic macrophyte mapping conducted January–March 1996  
 Texas wild-rice mapping conducted during summer months of 1995

Macrophytes	
<span style="display:inline-block; width:15px; height:15px; background-color:olive;"></span>	<i>Colocasia</i>
<span style="display:inline-block; width:15px; height:15px; background-color:maroon;"></span>	<i>Cryptocoryne</i>
<span style="display:inline-block; width:15px; height:15px; background-color:purple;"></span>	<i>Egeria</i>
<span style="display:inline-block; width:15px; height:15px; background-color:slateblue;"></span>	Filamentous algae
<span style="display:inline-block; width:15px; height:15px; background-color:yellow;"></span>	<i>Heteranthera</i>
<span style="display:inline-block; width:15px; height:15px; background-color:lightgreen;"></span>	<i>Hydrilla</i>
<span style="display:inline-block; width:15px; height:15px; background-color:pink;"></span>	<i>Hydrocotyle</i>
<span style="display:inline-block; width:15px; height:15px; background-color:magenta;"></span>	<i>Hygrophila</i>
<span style="display:inline-block; width:15px; height:15px; background-color:lightcoral;"></span>	<i>Justicia</i>
<span style="display:inline-block; width:15px; height:15px; background-color:teal;"></span>	<i>Potamogeton</i>
<span style="display:inline-block; width:15px; height:15px; background-color:firebrick;"></span>	<i>Vallisneria</i>
<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	<i>Zizania texana</i> (Texas wild-rice)

A.E. Wood  
State Fish Hatchery









City of San Marcos  
Wastewater Treatment Plant


Map 7.—Distribution of aquatic macrophytes in the upper San Marcos River.

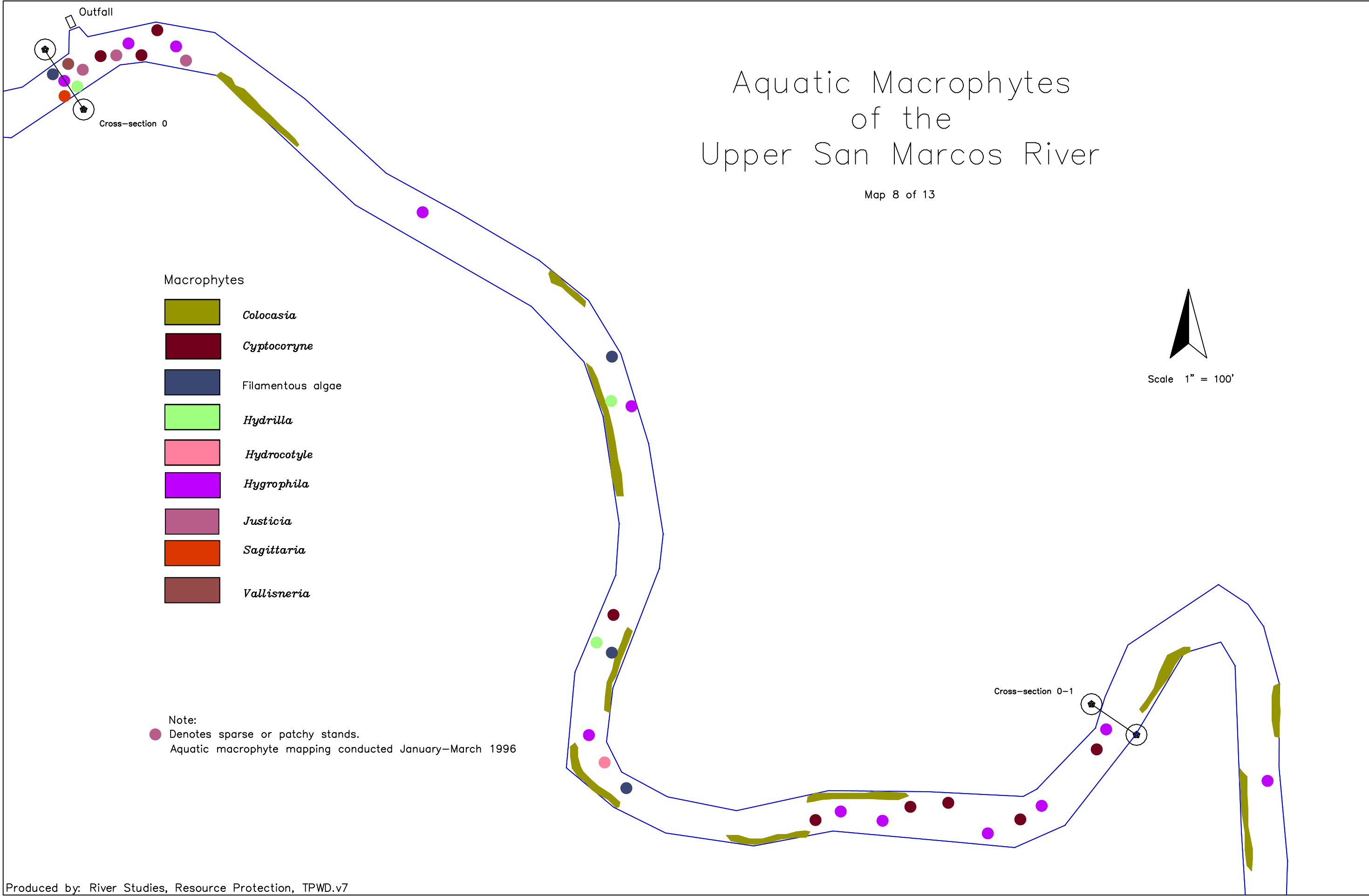
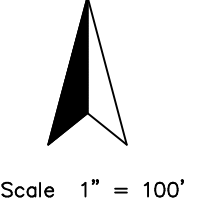
# Aquatic Macrophytes of the Upper San Marcos River

Map 8 of 13

Macrophytes

-  *Colocasia*
-  *Cyrtocoryne*
-  Filamentous algae
-  *Hydrilla*
-  *Hydrocotyle*
-  *Hygrophila*
-  *Justicia*
-  *Sagittaria*
-  *Vallisneria*

Note:  
 Denotes sparse or patchy stands.  
 Aquatic macrophyte mapping conducted January–March 1996





Scale 1" = 100'


# Aquatic Macrophytes of the Upper San Marcos River

Map 9 of 13

## Macrophytes

	<i>Colocasia</i>
	<i>Cryptocoryne</i>
	Filamentous algae
	<i>Heteranthera</i>
	<i>Hydrilla</i>
	<i>Hydrocotyle</i>
	<i>Hygrophila</i>
	<i>Justicia</i>
	<i>Vallisneria</i>

## Note:

-  Denotes sparse or patchy stands
- Aquatic macrophyte mapping conducted January–March 1996

Cross-section 0-2

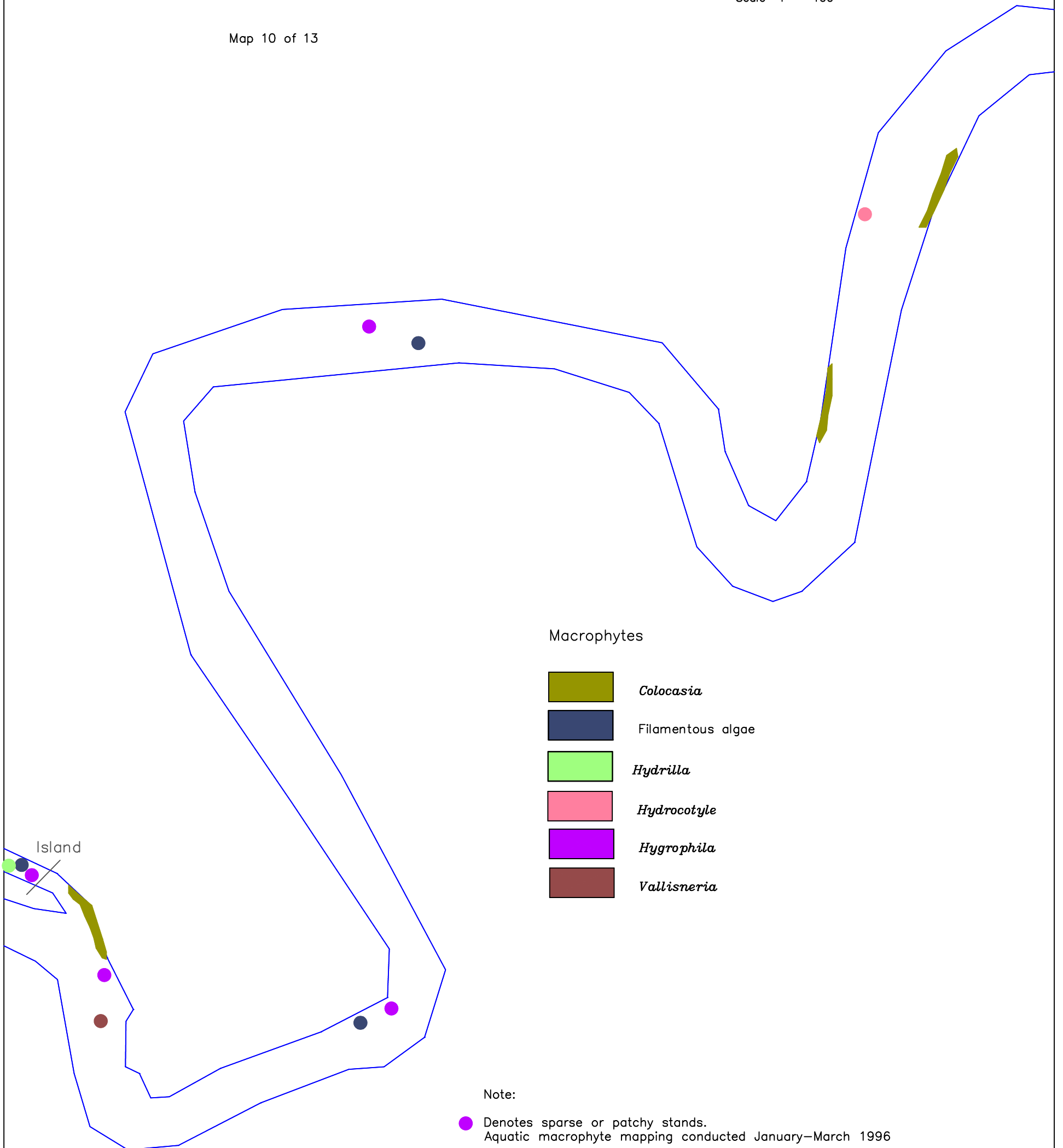
Island

# Aquatic Macrophytes of the Upper San Marcos River



Scale 1" = 100'

Map 10 of 13




# Aquatic Macrophytes of the Upper San Marcos River


Map 11 of 13

Scale 1" = 100'

## Macrophytes

	<i>Colocasia</i>
	Filamentous algae
	<i>Hydrocotyle</i>
	<i>Nuphar</i>

### Note:

-  Denotes sparse or patchy stands.
- Aquatic macrophyte mapping conducted January–March 1996

# Aquatic Macrophytes of the Upper San Marcos River

Map 12 of 13



Scale 1" = 100'

## Macrophytes



*Colocasia*

## Note:

Aquatic macrophyte mapping conducted January–March 1996



# Aquatic Macrophytes of the Upper San Marcos River

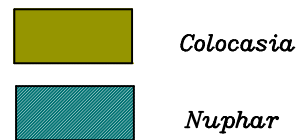
Map 13 of 13



Scale 1" = 100'

Cross-section 0-3

Macrophytes



Note:

Aquatic macrophyte mapping conducted January-March 1996

Cummings' Dam  
Segment boundary (1)