

A large, light gray silhouette of a sturgeon is centered on the page. Behind the sturgeon is a faint, light gray outline of a globe with latitude and longitude lines. The text 'Sturgeon Broodstock' is overlaid on the sturgeon's body in a bold, dark blue font.

Sturgeon Broodstock

At Vancouver Island University



VANCOUVER ISLAND
UNIVERSITY

What are broodstock?

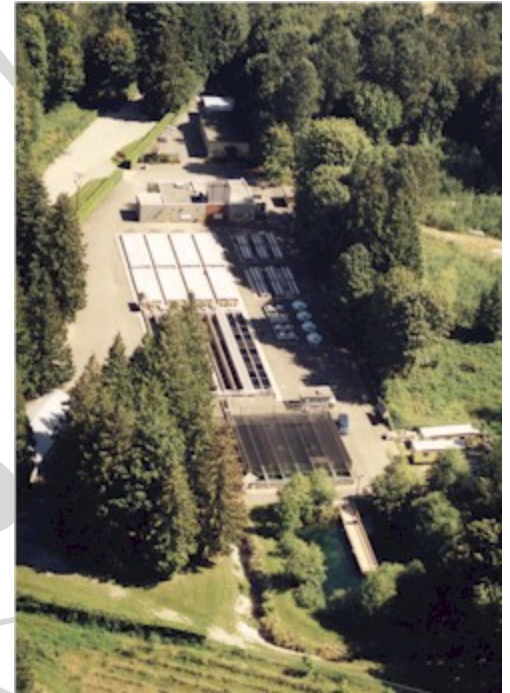
Broodstock is a term used to describe mature, adult fish that are selected to produce offspring.



VAN
U

Where Did our Broodstock Come From?

- 1988:
 - Under a special permit, two male and one female sturgeon were collected from the Fraser River and held at the [Inch Creek Salmonid Enhancement Hatchery](#)
 - One of these males was used in the first spawning event in 1991 at Inch Creek Hatchery
 - Two female fish were moved to Vancouver Island University (VIU) after being rescued from a backyard pond and are currently the largest broodstock held in our hatchery
 - Their ages are estimated to be between 30-40 years old



- 1990:

One male and one female sturgeon were removed from a Langley trout hatchery and moved to the Inch Creek facility for the first spawning in 1991, after which they were acquired by VIU

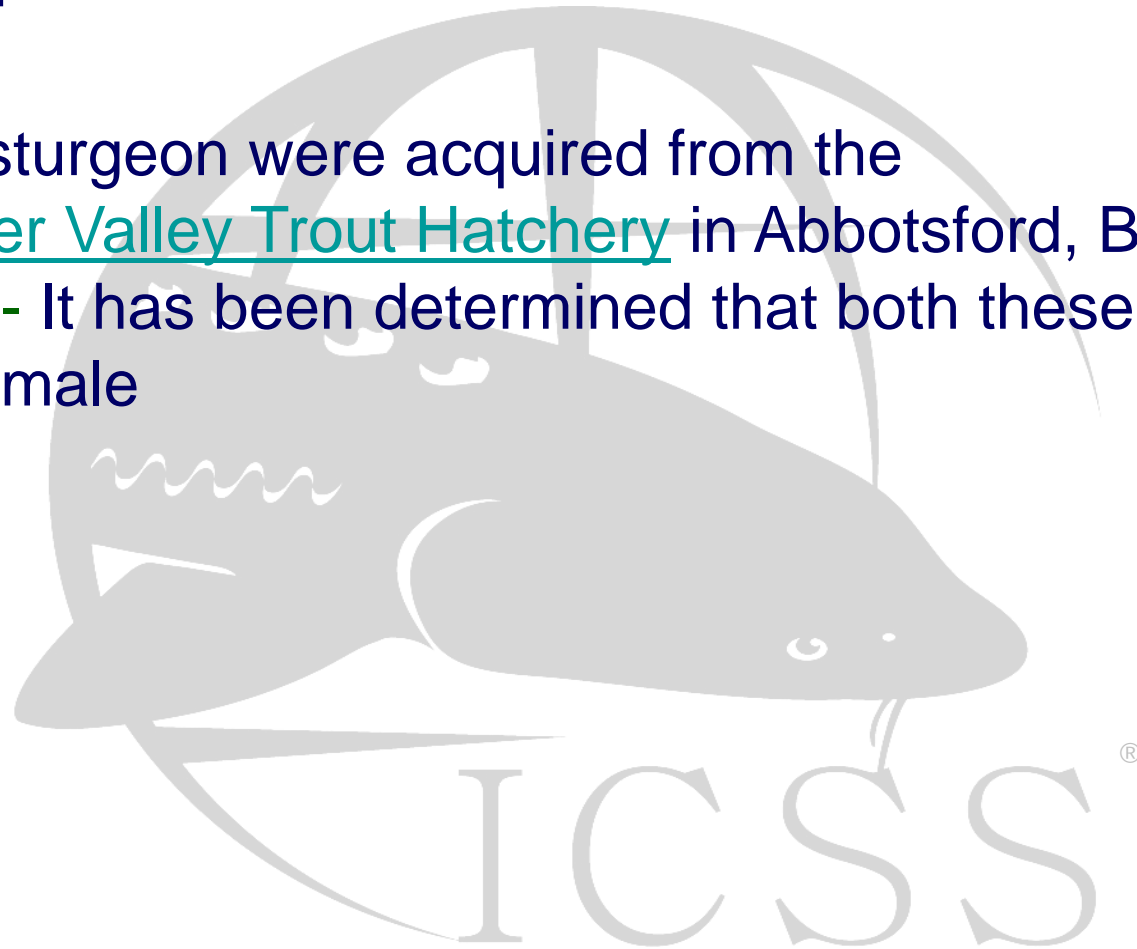
- 1992:

- A Mission area trout farm had four male sturgeon in captivity that were transferred to VIU



- 2006:

- Two sturgeon were acquired from the [Fraser Valley Trout Hatchery](#) in Abbotsford, BC
 - It has been determined that both these fish are female

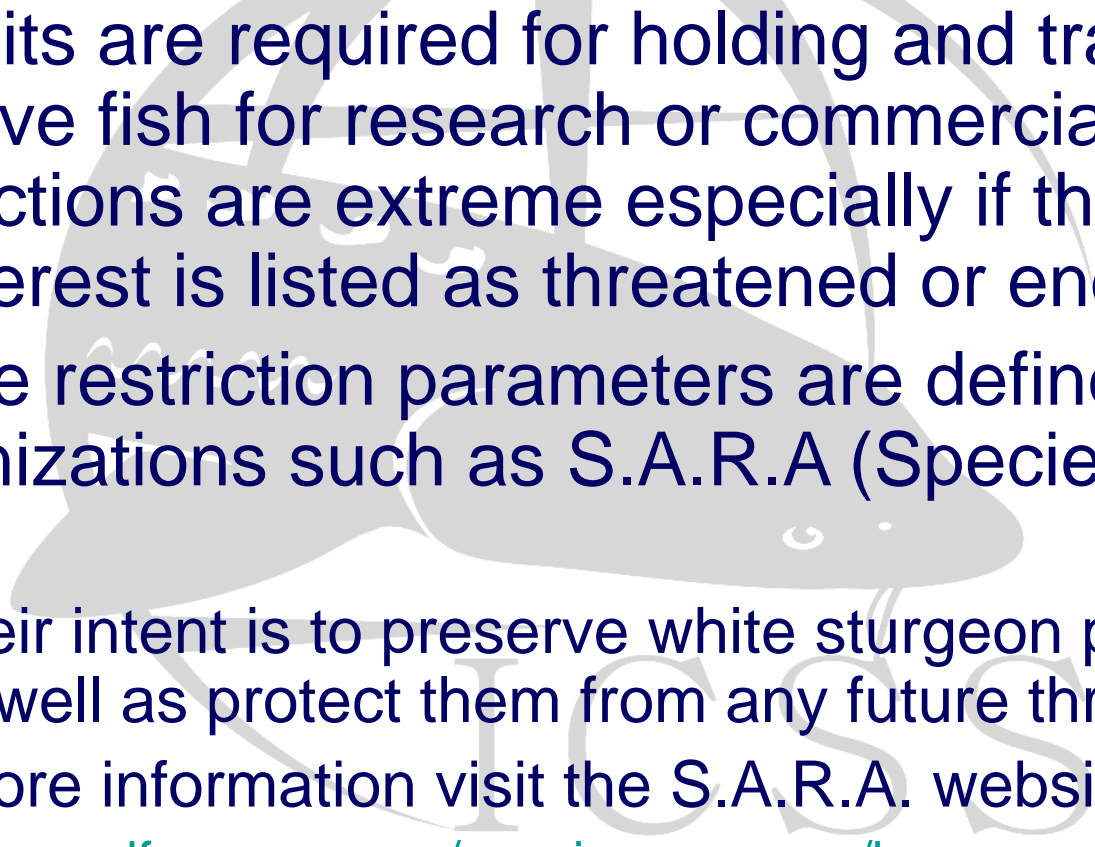


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Currently...

- Eleven fish are used as broodstock for the VIU sturgeon project.
 - Nine of these fish are held on campus:
 - 6 females
 - 3 males
 - 2 males are held at the Inch Creek facility
- Check out this video of our sturgeon broodstock feeding



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- Permits are required for holding and transporting any live fish for research or commercial use. The restrictions are extreme especially if the species of interest is listed as threatened or endangered.
 - These restriction parameters are defined by organizations such as S.A.R.A (Species At Risk Act)
 - Their intent is to preserve white sturgeon populations as well as protect them from any future threats
 - For more information visit the S.A.R.A. website:
http://www.dfo-mpo.gc.ca/species-especies/home_e.asp

