

# Holy Collateral Grayling: An Endemic Fish with Limited Distribution



**Holy Collateral** by A.C. Grayling

★★★★★ 5 out of 5

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Enhanced typesetting : Enabled

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The Holy Collateral Grayling (*Thymallus holycollar*) is a small, silvery fish that is native to the upper reaches of the tributaries of the Kootenay River in British Columbia, Canada. It is one of the most endangered fish species in Canada, with a population that is estimated to be less than 2,000 individuals.

The Holy Collateral Grayling is a member of the salmonid family, which also includes trout, salmon, and char. It is a relatively small fish, with an average length of about 20 cm (8 in). The Holy Collateral Grayling has a distinctive silvery body with dark spots on its back and sides. It also has a large dorsal fin that is tipped with black.

## Habitat

The Holy Collateral Grayling lives in cold, clear streams and rivers. It prefers shallow water with a gravel or cobble bottom. The Holy Collateral Grayling is a bottom-dwelling fish that feeds on insects, small fish, and crustaceans.

The Holy Collateral Grayling is a relatively long-lived fish, with a lifespan of up to 10 years. It reaches sexual maturity at about 3 years of age. The Holy Collateral Grayling typically spawns in the spring, and the female lays her eggs in a gravel nest.

## **Distribution**

The Holy Collateral Grayling is only found in the upper reaches of the tributaries of the Kootenay River in British Columbia, Canada. Its range is very limited, and it is estimated that there are only about 20 populations of the Holy Collateral Grayling remaining.

The Holy Collateral Grayling is threatened by habitat loss, pollution, and climate change. Habitat loss is the biggest threat to the Holy Collateral Grayling. The construction of dams, roads, and other structures has destroyed and fragmented its habitat.

Pollution is also a threat to the Holy Collateral Grayling. The discharge of chemicals and other pollutants into the Kootenay River and its tributaries has degraded the water quality and made it unsuitable for the Holy Collateral Grayling.

Climate change is also a threat to the Holy Collateral Grayling. The rising water temperatures and changes in precipitation patterns are expected to have a negative impact on the Holy Collateral Grayling's habitat.

## Conservation

The Holy Collateral Grayling is a threatened species, and it is important to take steps to protect it. The Canadian government has listed the Holy Collateral Grayling as a species at risk, and it is protected under the Species at Risk Act.

There are a number of things that can be done to protect the Holy Collateral Grayling. These include:

- Protecting and restoring the Holy Collateral Grayling's habitat
- Reducing pollution in the Kootenay River and its tributaries
- Educating the public about the Holy Collateral Grayling and its importance

By taking these steps, we can help to ensure that the Holy Collateral Grayling continues to thrive in the Kootenay River.

The Holy Collateral Grayling is a unique and beautiful fish that is an important part of the Kootenay River ecosystem. It is threatened by habitat loss, pollution, and climate change, but there are a number of things that we can do to protect it. By taking these steps, we can help to ensure that the Holy Collateral Grayling continues to thrive in the Kootenay River for generations to come.

## References

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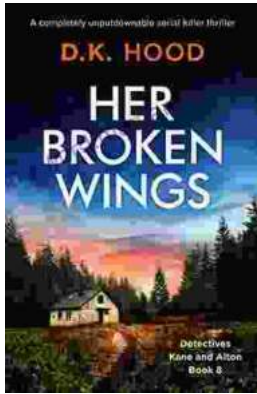
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