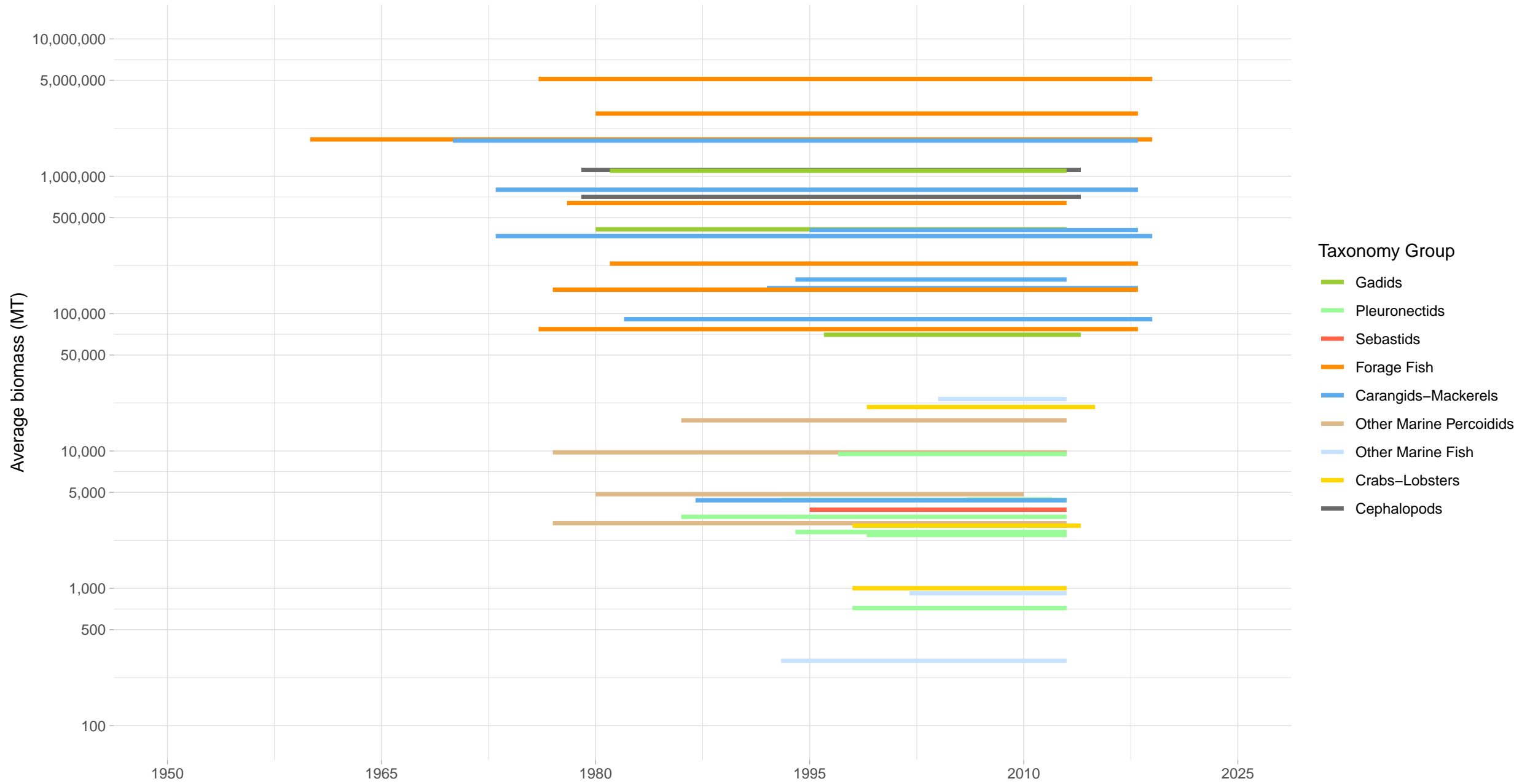
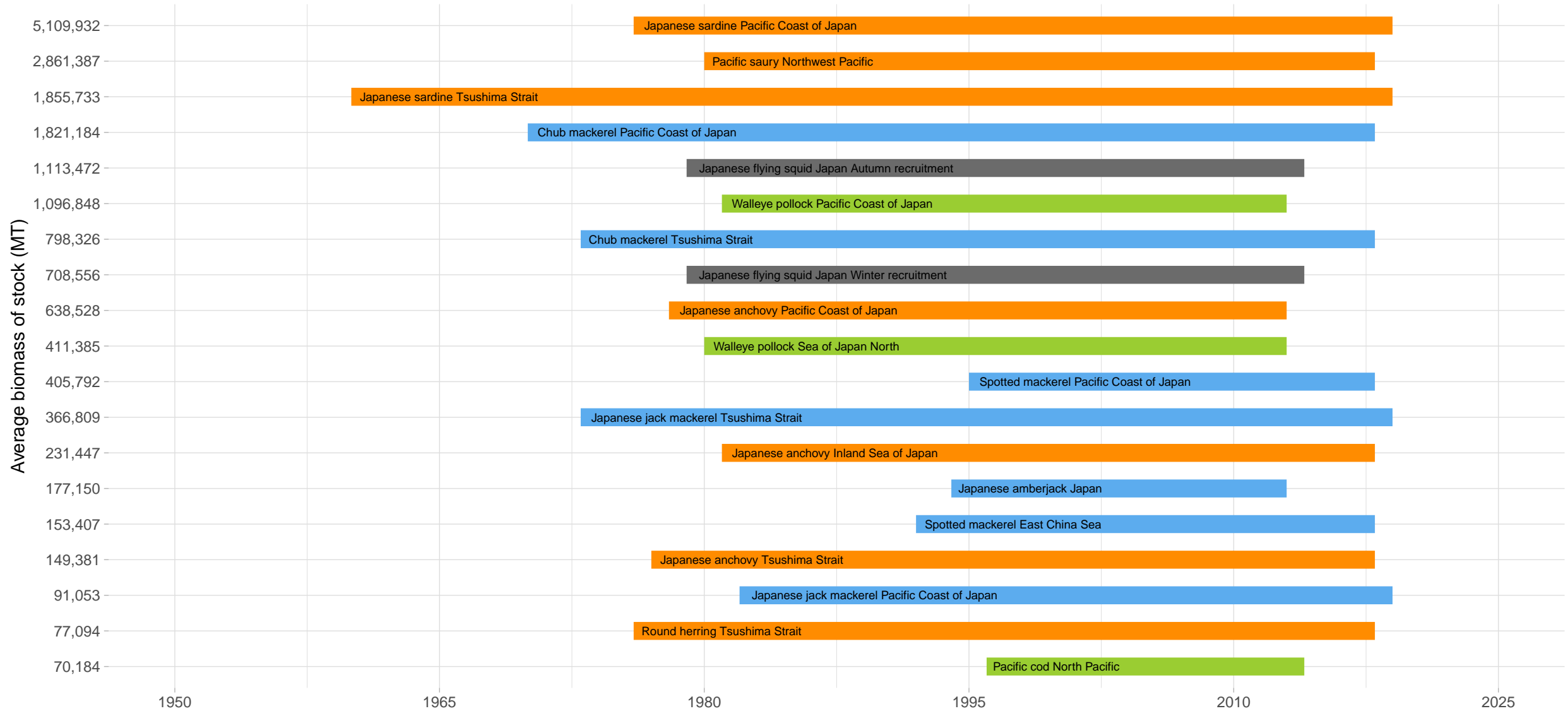


Biomass Coverage in Japan Region



Biomass Coverage Over Time in Japan Region

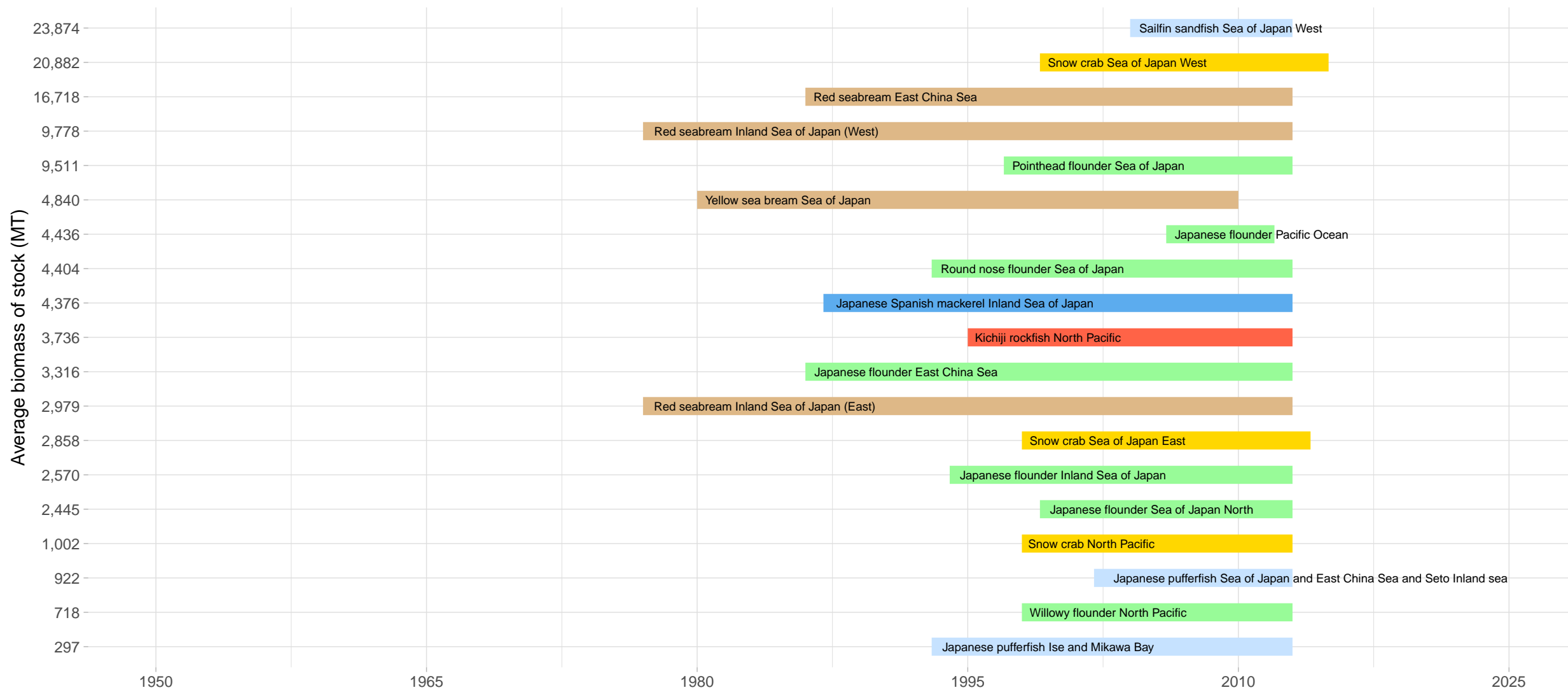
Stocks with highest average biomass



Taxonomy Group ■ Gadids ■ Forage Fish ■ Carangids-Mackerels ■ Cephalopods

Biomass Coverage Over Time in Japan Region

Stocks with lowest average biomass

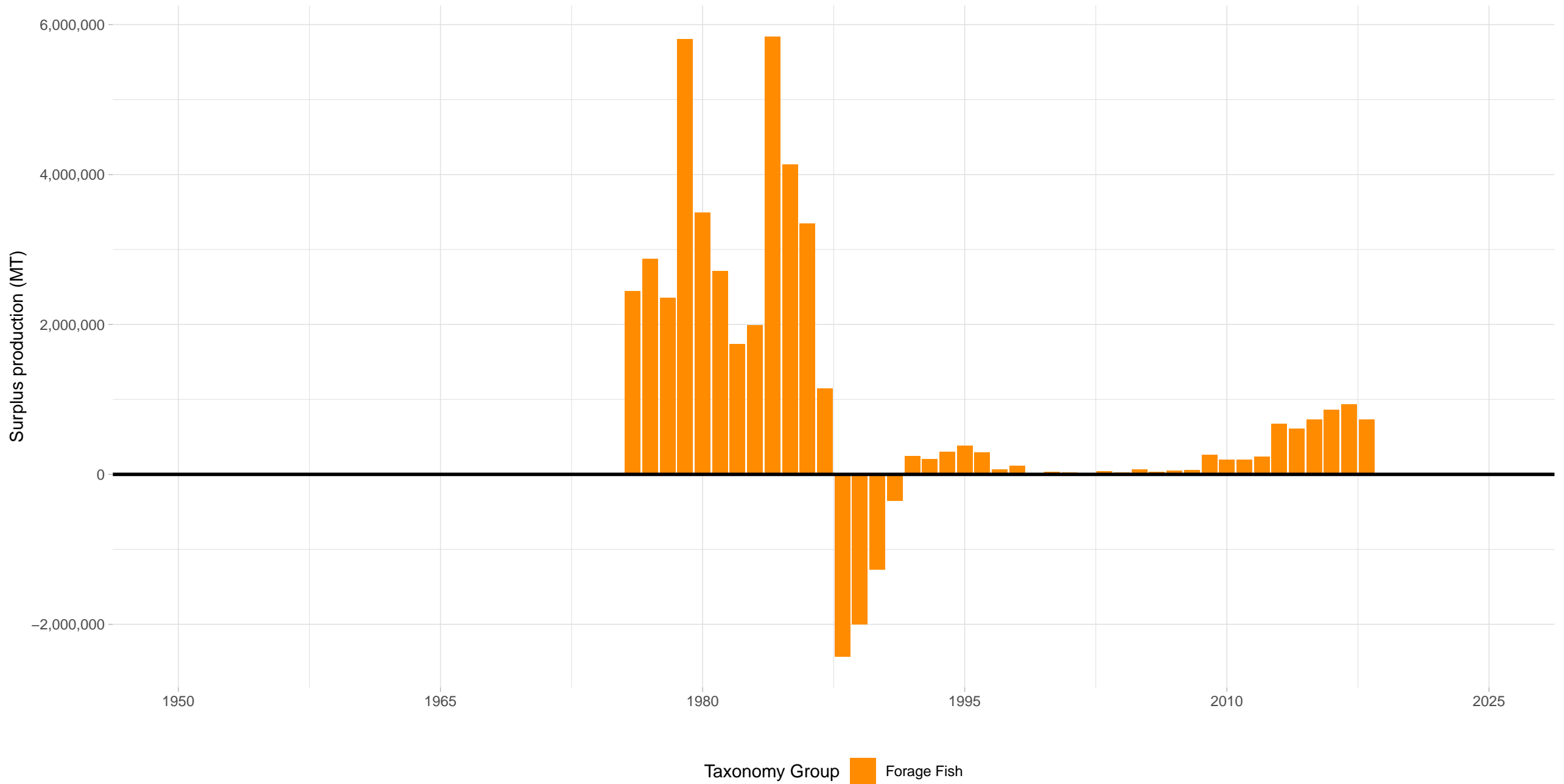


Taxonomy Group

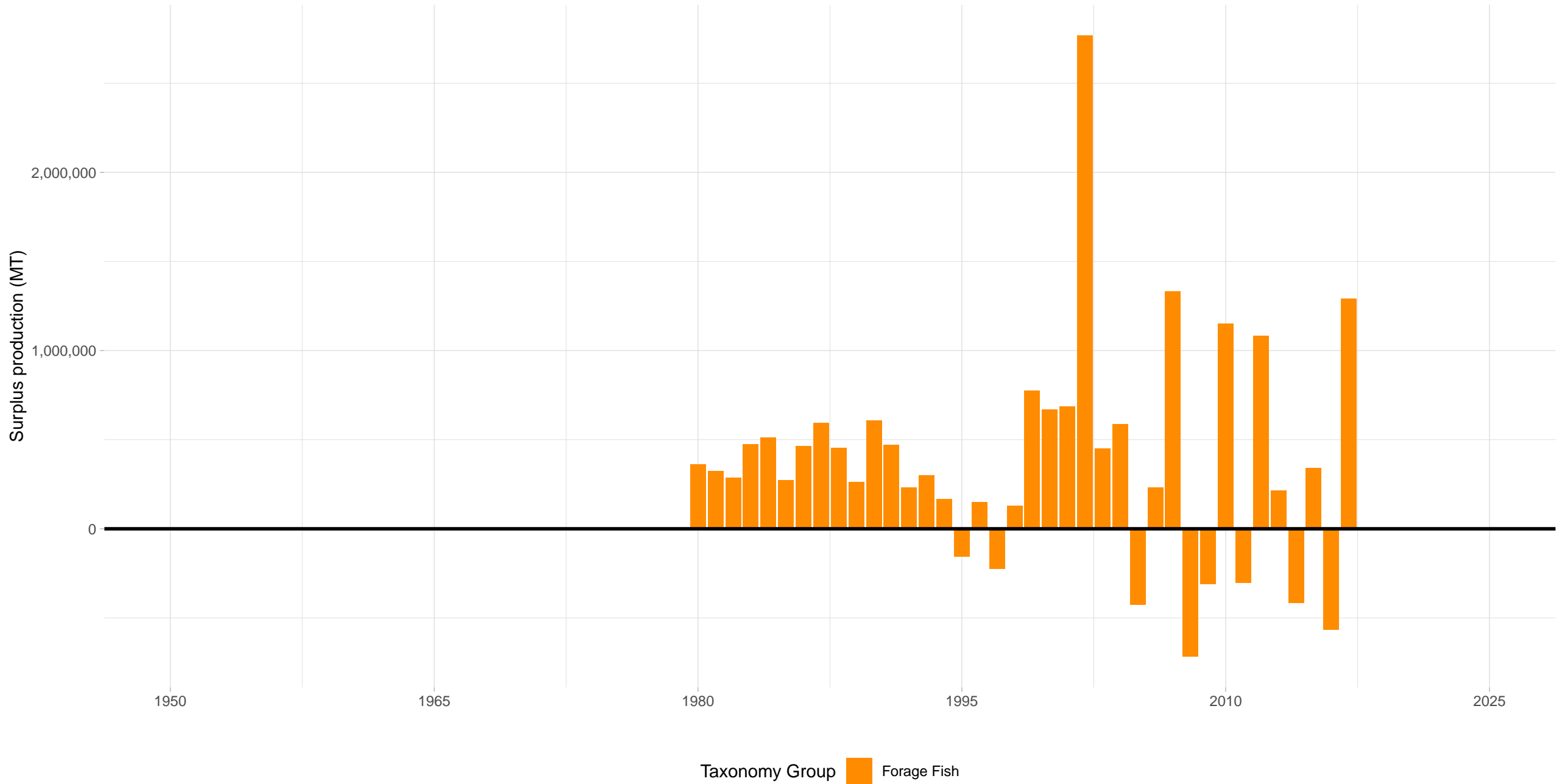
- Pleuronectids
- Carangids-Mackerels
- Other Marine Fish
- Sebastids
- Other Marine Percoidids
- Crabs-Lobsters

Japanese sardine Pacific Coast of Japan – Japan Region

Stock represents 26% of average absolute surplus production

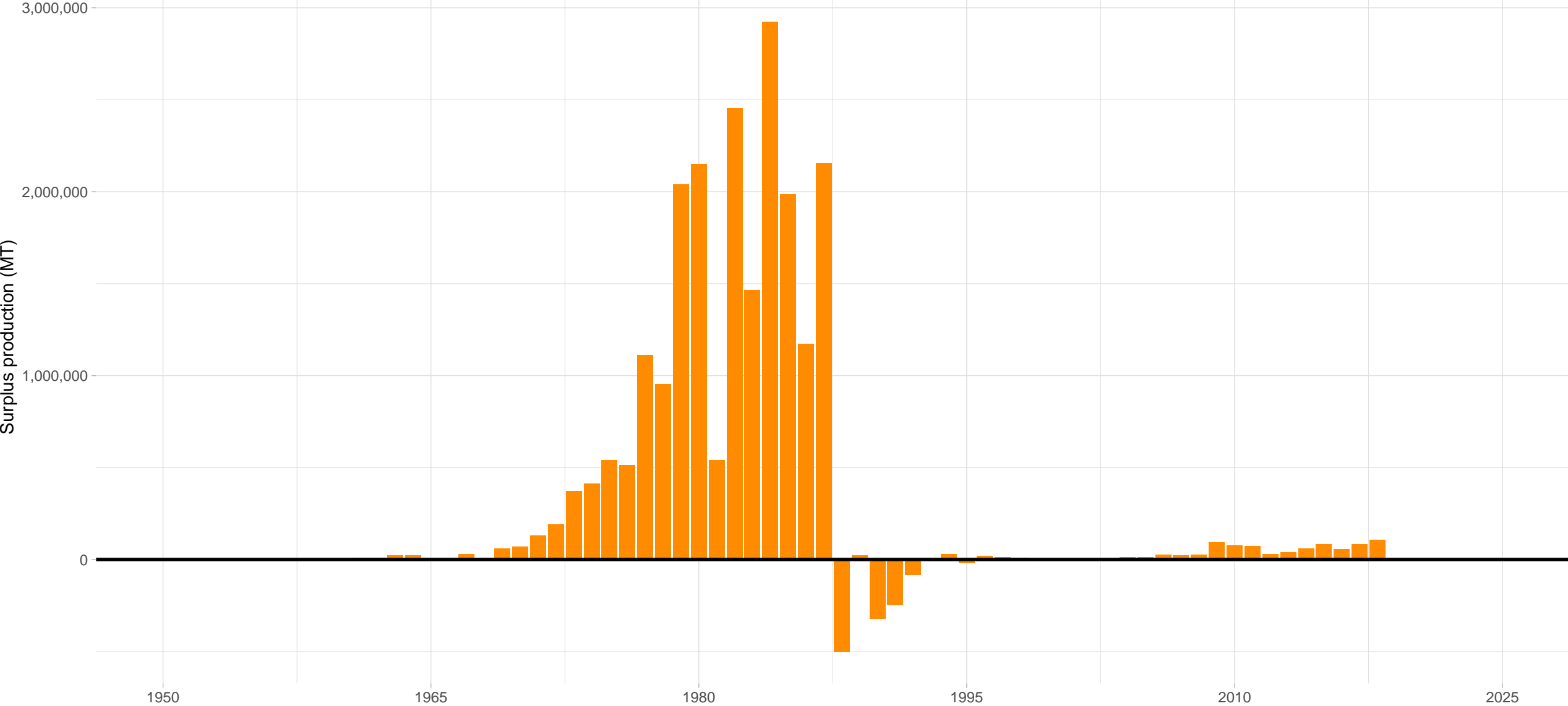


Pacific saury Northwest Pacific – Japan Region
Stock represents 12% of average absolute surplus production



Japanese sardine Tsushima Strait – Japan Region

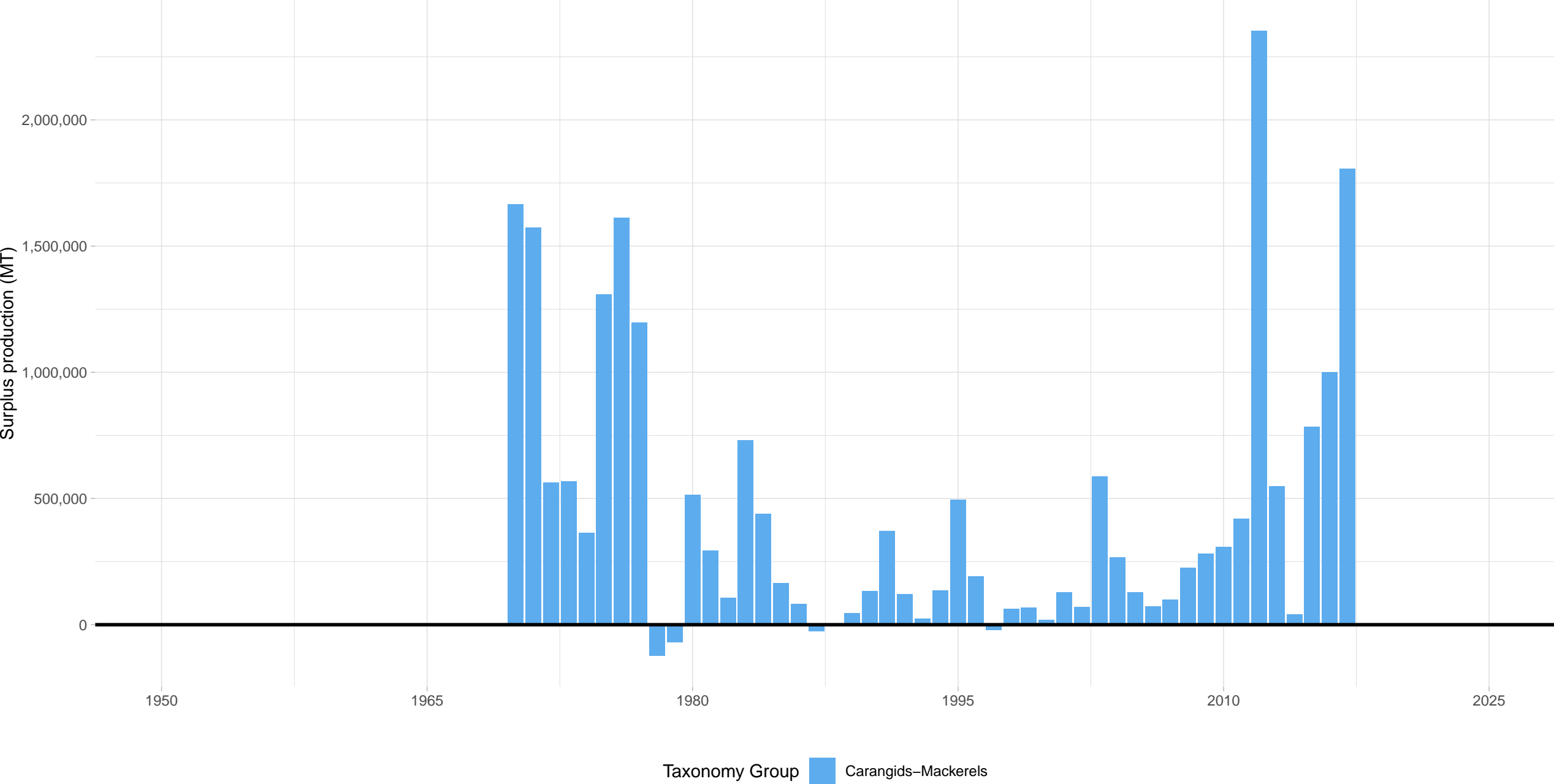
Stock represents 8% of average absolute surplus production



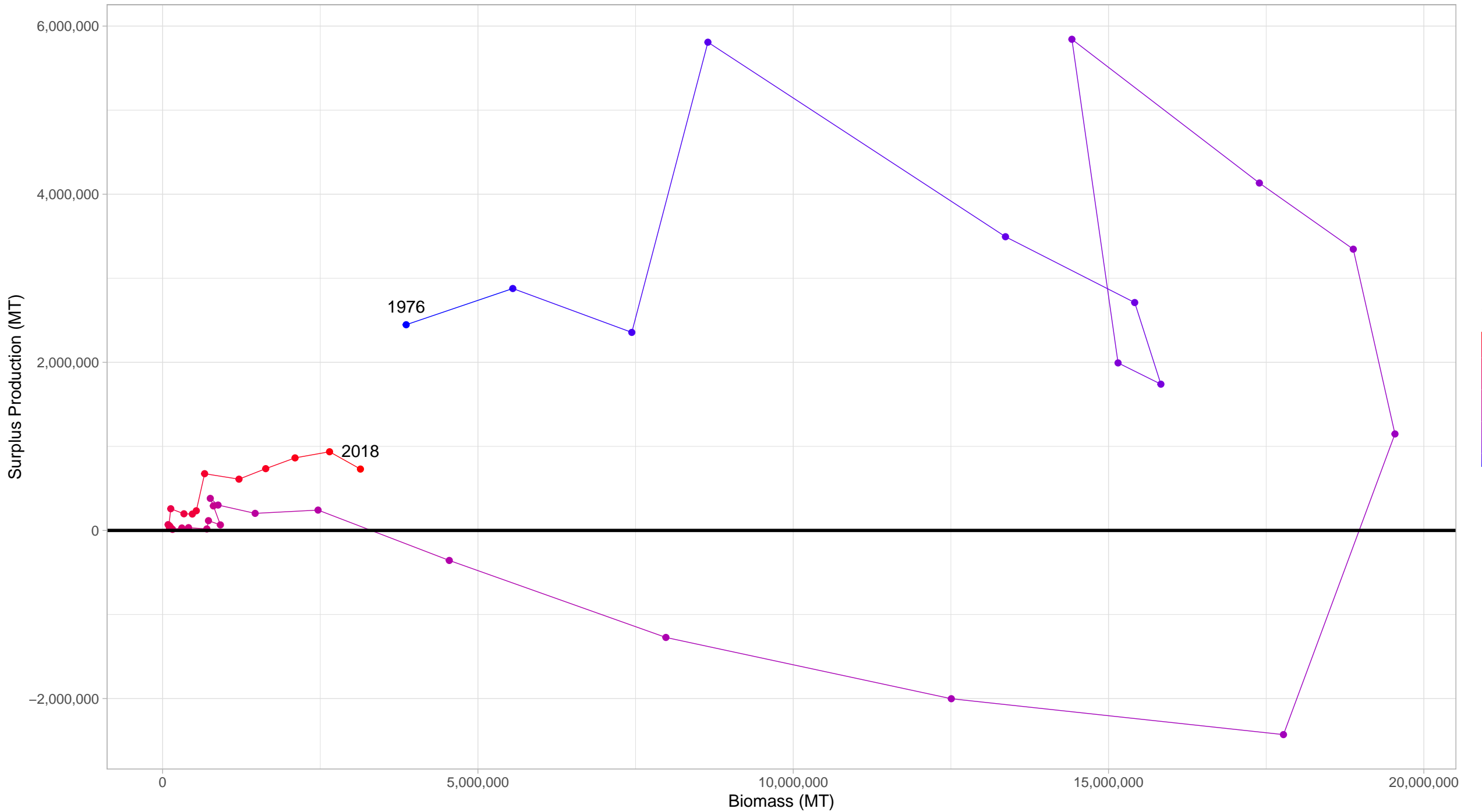
Taxonomy Group Forage Fish

Chub mackerel Pacific Coast of Japan – Japan Region

Stock represents 10% of average absolute surplus production

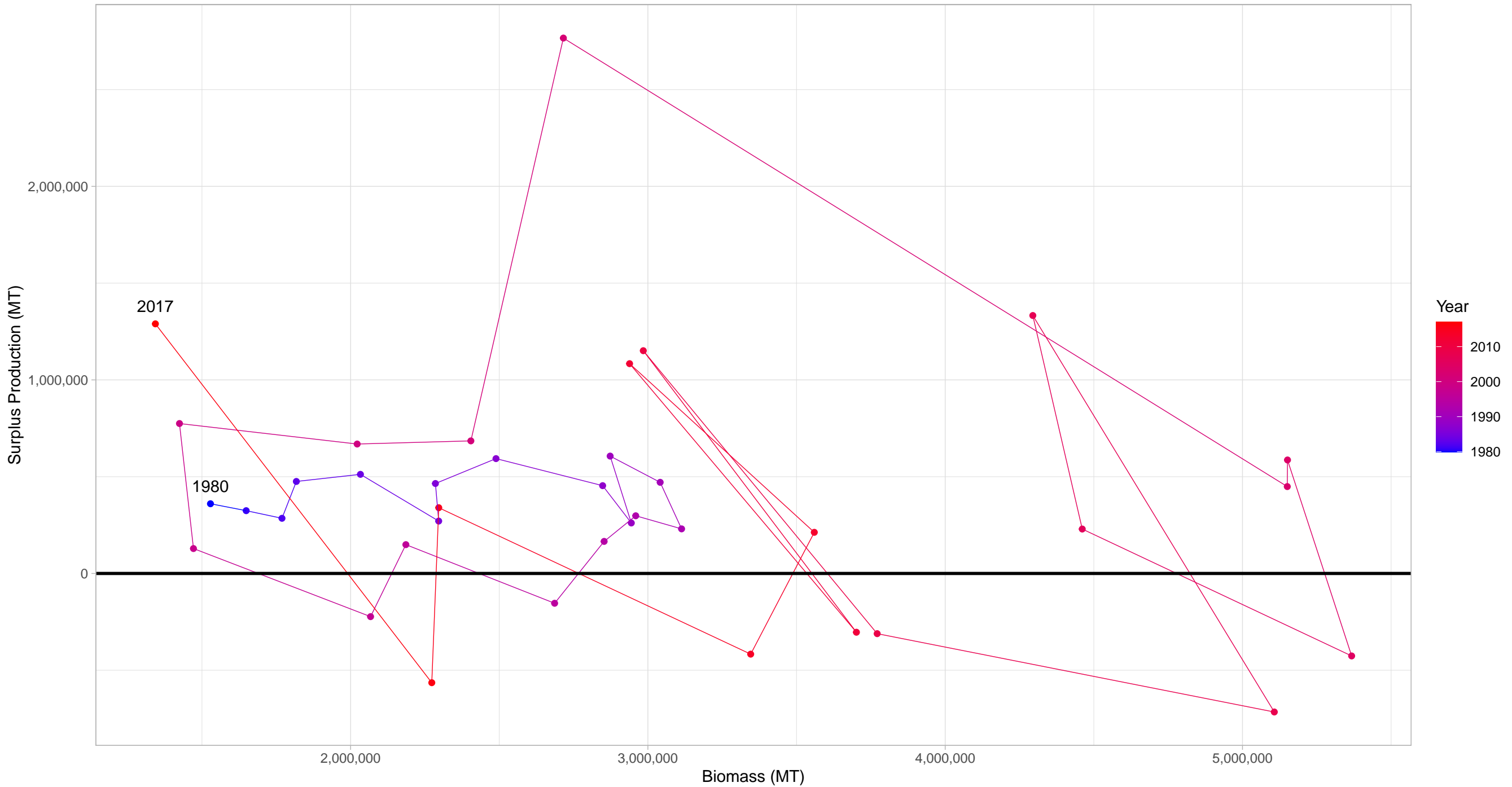


Japanese sardine Pacific Coast of Japan in Japan Region



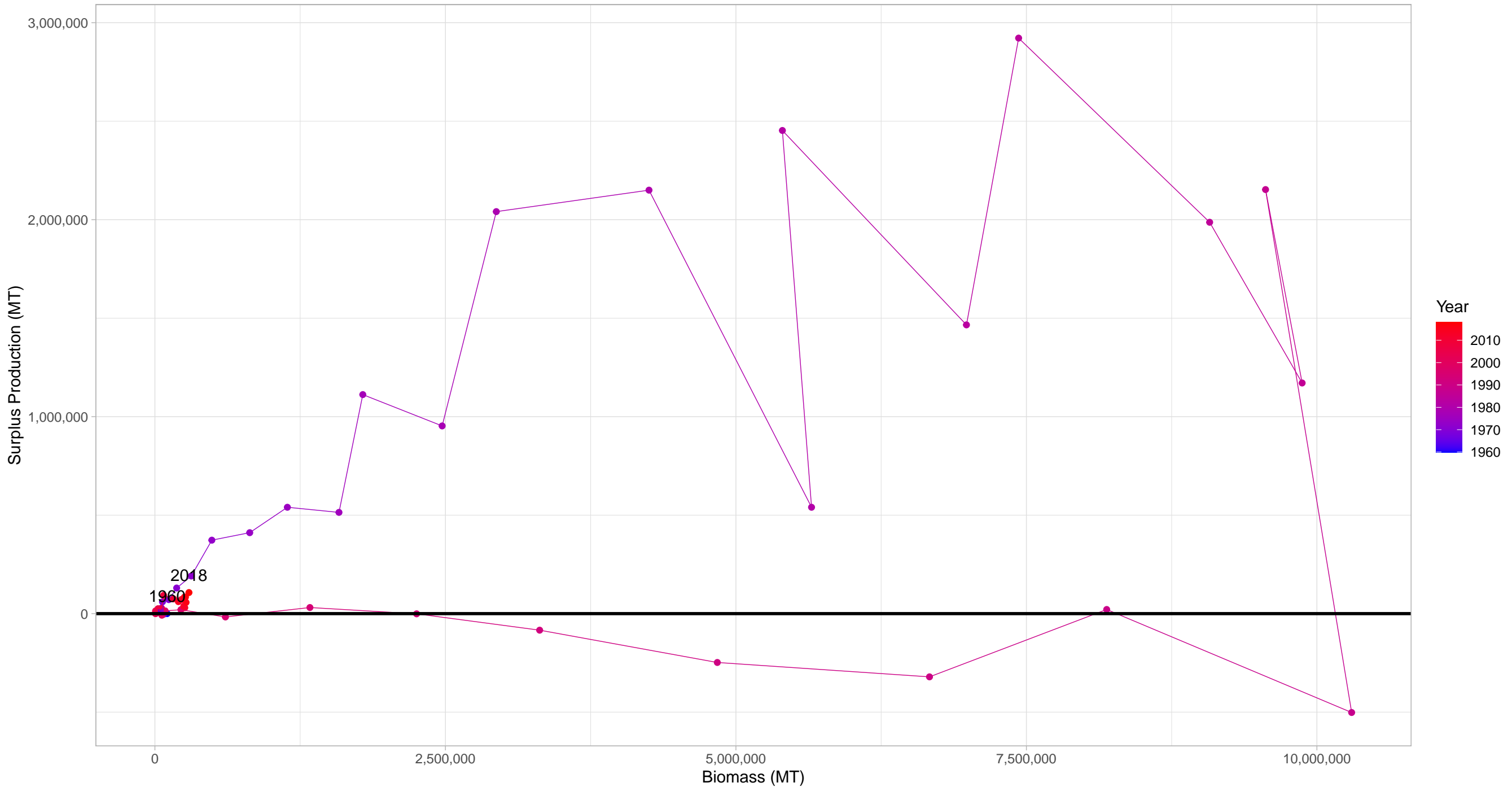
First and last years with recorded surplus production are labeled

Pacific saury Northwest Pacific in Japan Region



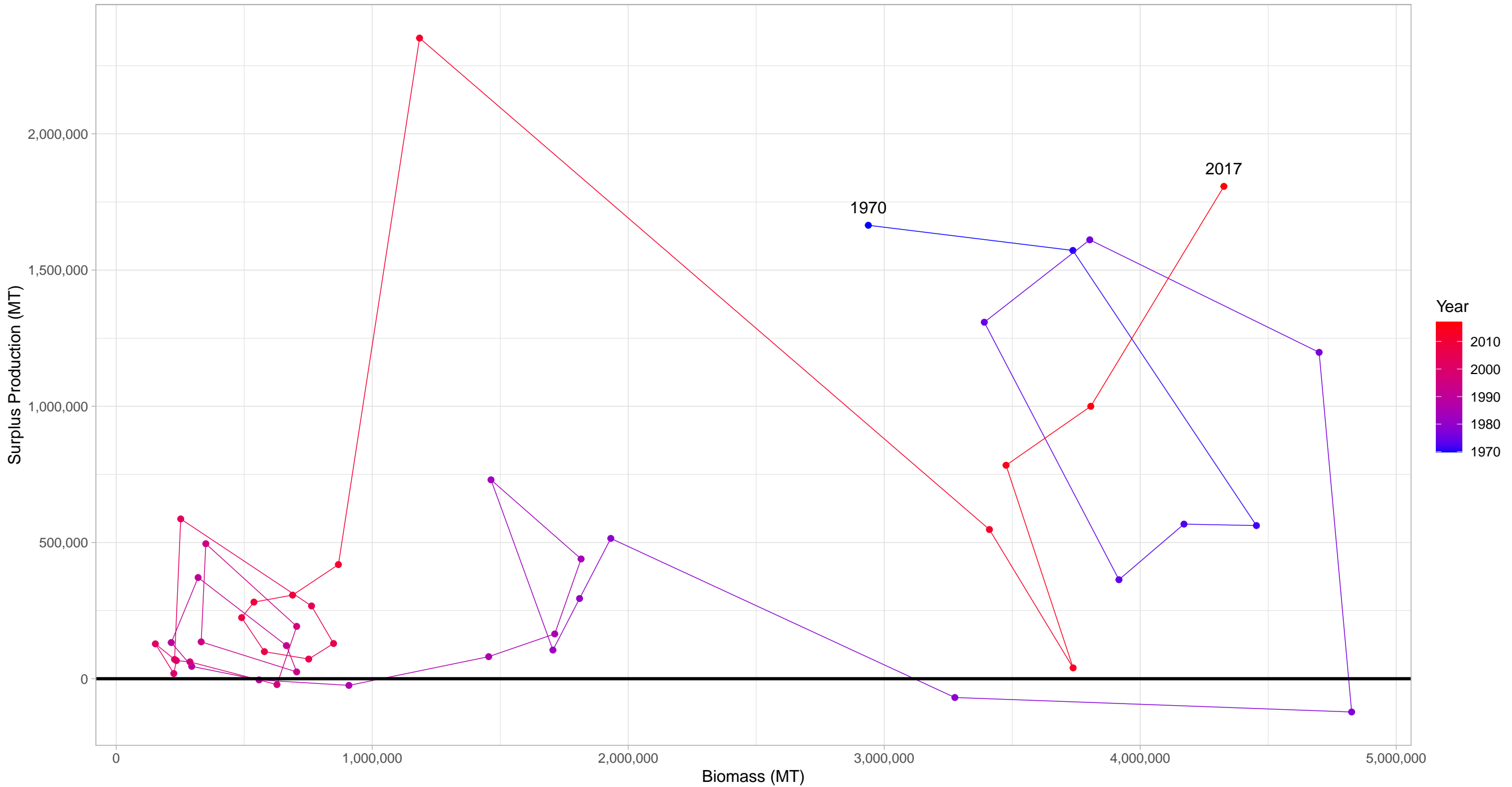
First and last years with recorded surplus production are labeled

Japanese sardine Tsushima Strait in Japan Region



First and last years with recorded surplus production are labeled

Chub mackerel Pacific Coast of Japan in Japan Region



First and last years with recorded surplus production are labeled