

"Seminar on High-quality Development in Sturgeon Industry" was successfully held in China

On November 17th, the Heilongjiang Fisheries Research Institute organized the "Seminar on High-quality Development in Sturgeon Industry". More than 100 representatives from various institutions including the World Sturgeon Conservation Society (WSCS) Prof. Paolo Bronzi, Prof. Wei Qiwei from the Chinese Academy of Fishery Sciences Yangtze River Fisheries Research Institute (WSCS Council Member), Prof. Leonardo Congiu from the University of Padova in Italy (WSCS Council Member), as well as representatives from other Chinese institutes such as Heilongjiang Fisheries Research Institute, Yangtze River Fisheries Research Institute, Yellow Sea Fisheries Research Institute, East China Sea Fisheries Research Institute, Hubei Academy of Agricultural Sciences, Jingzhou Chinese Sturgeon Conservation Center, and Hangzhou Qiandaohu Sturgeon Dragon Technology Co., Ltd., participated in the conference through online video.



Deputy director Zheng Xianhu of Heilongjiang Fisheries Research Institute expressed in his speech that organizing this conference has practical significance for the conservation of sturgeon worldwide and the development of the sturgeon industry. He hoped that through discussions, they could explore sustainable development approaches for sturgeon resource conservation and utilization, promote the sharing of technological advancements in sturgeon aquaculture, and advance the high-quality development of the entire industry chain.

Prof. Wei Qiwei stated in his speech that China's sturgeon aquaculture began in

the 1990s and has developed rapidly in the past 30 years. It has unique characteristics in ecological aquaculture, breeding of new varieties, and deep processing. He hopes that China's sturgeon aquaculture industry will continue to move towards sustainable and healthy development, playing a more significant role in a healthier and more diversified market.

Prof. Paolo Bronzi delivered a keynote report titled "An Updated Overview of Global Sturgeon and Caviar Production as of 2023", sharing data collected by the WSCS over the years in the field of sturgeon aquaculture. He focused on analyzing the global production of sturgeon caviar and provided an outlook on the prospects of the sturgeon aquaculture industry through a comparison of data from various countries. Prof. Wei Qiwei gave a report titled "Current Situation and Prospect of Sturgeon Culture Industry in China", sharing the history of sturgeon aquaculture in China, analyzing the current situation and existing issues in China's sturgeon aquaculture industry, and proposing development suggestions. Prof. Leonardo Congiu presented a report titled "Identification and Tracking of Sturgeon and Sterlet Products in Trade: Implications for Trade Control and Biodiversity Management", sharing his team's research achievements in identification technology among different sturgeon species and purebred and hybrid varieties.

Six scholars, including Prof. Wang Lan from the Institute of Agricultural Product Processing and Nuclear-Agricultural Technology Research of Hubei Academy of Agricultural Sciences, Dr. Ye Huan from Yangtze River Fisheries Research Institute, Senior Engineer Xu Shijian from Hangzhou Qiandaohu Xunlong Sci-tech Co., Ltd., Prof. Zhang Ying, Dr. Wang Chang'an, and Dr. Wang Ruoyu from Heilongjiang Fisheries Research Institute, shared their research results in various aspects of the sturgeon industry, including reproductive stem cell transplantation, live transportation, germplasm resource collection, feed development, whole-industry chain technological research and development, and thermal stress. The participating representatives engaged in in-depth discussions and exchanges with the experts.

The successful organization of this symposium has promoted communication and exchange among countries worldwide in the conservation and utilization of

sturgeon resources and sturgeon aquaculture. It has injected new vitality into the conservation and sustainable utilization of global sturgeon resources and the high-quality development of the sturgeon aquaculture industry.

