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Sea Louse Interactions between Farmed Salmon and Wild Fish in southwestern New Brunswick; Summary; Acknowledgments; Chapter 4: Modeling Sea Lice Production and Concentrations in the Broughton Archipelago, British Columbia; Introduction; Numerical Circulation Model; Particle Tracking; Sea Lice Modeling; Results and Comparisons with Data; Discussion and Conclusions; Summary; Acknowledgments; Part II: Salmon Louse Management on Farmed Salmon; Chapter 5: Salmon Louse Management on Farmed Salmon-Norway; The Salmonid Farming Industry; Regulation and Licensing; Legislation Related to Lice Management

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The Early Years: Identifying the Problem (1975-1989); A Maturing Understanding: Management and Collaboration (1990-1999); The "Modern" Era: Quantitative Epidemiology and Models (2000-Present); Chapter 8: Sea Lice Management on Salmon Farms in British Columbia, Canada; Introduction; Sea Lice Species Infesting Salmon in British Columbia; Health Effects of *L. salmonis* in British Columbia; Sea Lice on Salmon Farms in British Columbia; Government Auditing of Industry Sea Lice Monitoring in British Columbia; Epidemiology of Sea Lice on Farmed Salmon in British Columbia

*C. clemensi* on Atlantic Salmon in British Columbia

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Sommario/riassunto

The salmon louse *Lepeophtheirus salmonis* is adapted to survive in hostile marine environments of the northern hemisphere, including an ability to parasitize several species of salmon. Salmonids are some of the most economically important and sought after fish for human consumption, and louse parasitism has a significant impact both on cultured and wild fish populations. Salmon Lice is a timely collection of the latest research on the cause and spread of lice infestations and management techniques being designed and implemented to combat this issue. Salmon Lice provides

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