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Nota di contenuto	<p>""Contents""; ""Translator's Note""; ""Foreword""; ""1. Introduction and Some Important Dates in Pfeffer's Life""; ""2. Basic Perception of Natural Science""; ""a) A Life Devoted to Science""; ""b) All Processes of Life Have a Physical Explanation""; ""c) The Complexity of Life's Processes Is Often Overlooked""; ""d) Biological Structures Do Not Have Sharp Boundaries. There Is no ""Realization of An Idea""""; ""3. Pharmacy - Chemistry - Botany - Physiology - Cell Biology - Molecular Biology""; ""a) In the Pharmacy""; ""b) Botanist""; ""c) Physiology"" ""d) Molecular Biology, Micelles, Macro-Molecules"" ""e) Only a Laboratory Botanist?""; ""4. Mimosa, Staminal Filaments, Osmometer, Plasma Membrane""; ""a) From Staminal Filaments to the Osmometer""; ""b) The Plasma Membrane""; ""c) The Contractile Cell""; ""5. The Plasma Membrane a€? ""The Gate Keeper in the Service of the Protoplast""""; ""a) Properties of the Plasma Membrane""; ""b) Advances and Reversals after Pfeffer. Membranes Play an Active Role""; ""6. The Single-Celled Organism Has the Ability to Do Everything. A Few Letters Are Adequate for the Genetic Code""</p> <p>""7. Sensitivities of Single-Celled Organisms"" ""8. Triggering within the Organism""; ""a) ""Stimulation""""; ""b) ""Senses""""; ""9. Regulation and Feedback in the Organism""; ""a) Feedback, Law of Mass Action""; ""b) Adaptation of Enzyme Formation to the Substrate""; ""c) Oscillations</p>

about Equilibrium"; "10. Activation, Regulation, Feedback Applied to the Technology Used for Physiological Studies"; "11. Energetics"; "a) There is no Special Vital Force"; "b) Life without Oxygen"; "c) Energy Conversion of the Cell at Rest"; "Publications by Pfeffer"

Sommario/riassunto

How a caribou population went from the brink of extinction in the 1950s to the largest herd in the world in the late 1980s - and whether it can survive today's environmental changes.
