1. Record Nr. UNINA9910779103403321

Autore	Wood Ginny
Titolo	Boots, bikes, and bombers [[electronic resource]] : adventures of Alaska conservationist Ginny Hill Wood / / edited by Karen Brewster
Pubbl/distr/stampa	Fairbanks, : University of Alaska Press, c2012
ISBN	1-60223-174-5
Descrizione fisica	1 online resource (537 p.)
Collana	Oral history series
Altri autori (Persone)	BrewsterKaren
Disciplina	639.9092 B
Soggetti	Women conservationists - Alaska Conservationists - Alaska Women adventurers - Alaska Wilderness areas - Alaska Oral history - Alaska Alaska Description and travel Alaska Environmental conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Childhood : The Foundation of an Adventurous Life -- Europe by Bicycle -- Flying and the Women's Airforce Service Pilots -- A Life-long Friendship : Meeting Celia Hunter -- A Summer Under Sail -- Alaska : The Early Years -- Returning to Europe -- Exploring Katmai National Park -- Finding a Place to Call Home -- Establishing Camp Denali : Alaska's First Wilderness Camp -- Driving the Denali Park Road -- Exploring Mount McKinley's Backcountry -- Camp Denali Staff and Friends -- Flying Search and Rescue -- Selling Camp Denali -- Preserving Alaska -- Tundra Treks : Guiding Wilderness Trips -- Breaking Trail -- Traveling the Globe -- The Loss of a Friend -- Reflections -- Map of Alaska.
Sommario/riassunto	Boots, Bikes, and Bombers presents an intimate oral history of Ginny Hill Wood, a pioneering Alaska conservationist and outdoorswoman. Born in Washington in 1917, Wood served as a Women's Airforce Service Pilot in World War II, and flew a military surplus airplane to Alaska in 1946. Settling in Fairbanks, she went on to co-found Camp

		Denali, Alaska's first wilderness ecotourism lodge; helped start the Alaska Conservation Society, the state's first environmental organization; and applied her love of the outdoors to her work as a backcountry guide and an advocate for trail construction a.

2.	Record Nr.	UNINA9910410038903321
	Titolo	Alkaliphiles in Biotechnology / / edited by Gashaw Mamo, Bo Mattiasson
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-49736-4
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (ix, 349 pages) : illustrations
	Collana	Advances in Biochemical Engineering/Biotechnology, , 0724-6145 ; ; 172
	Disciplina	589.95 571.629
	Soggetti	Chemical engineering Microbiology Chemistry Environmental engineering Biotechnology Industrial Chemistry/Chemical Engineering Applied Microbiology Chemistry/Food Science, general Environmental Engineering/Biotechnology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Alkaliphiles: The Versatile Tools in Biotechnology -- Isolation and Cultivation of Alkaliphiles -- Challenges and Adaptations of Life in Alkaline Habitats -- Genomics of Alkaliphiles -- Metabolites Produced by Alkaliphiles with Potential Biotechnological Applications -- Alkaliphilic Enzymes and Their Application in Novel Leather Processing Technology for Next-Generation Tanneries -- Starch-Modifying

Enzymes -- Alkaline Active Hemicellulases -- Alkaliphiles: The Emerging Biological Tools Enhancing Concrete Durability. .

Sommario/riassunto

This book is devoted to alkaliphiles, their microbiology, biotechnological applications and adaptive mechanisms. Alkaliphiles are extremophilic organisms that are adapted to thrive in alkaline environments. Over the years, a wide variety of alkaliphiles belonging to domain Bacteria, Archaea and Eukarya have been isolated and studied. These organisms use various adaptive mechanisms to thrive in ‘extreme’ alkaline environments, and some of these adaptive mechanisms are of immense importance to a range of biotechnological applications. In this book, readers will learn about the adaptive strategies of alkaliphiles in colonizing alkaline habitats, with a main focus on: (1) the production of enzymes that are active and stable in the high pH environment, and (2) the production of acids that decrease the pH of their immediate surrounding environment. Enzymes that are operationally stable at high pH (also known as alkaline active enzymes) are desirable in several applications such as detergent formulating and leather tanning processes, and they are among the major selling enzymes and the most important industrial enzymes. The growing demand in many existing and emerging biotechnological applications led to the discovery, characterization, engineering and evaluation of diverse types of alkaline active enzymes. In addition to the use of these fascinating enzymes in biotechnological applications, readers will discover the mechanisms of action and stability of these enzymes at extreme pH. Studies have shown that some alkaliphiles decrease the severity of the high pH of their media by producing substantial amount of organic acids, which could be of great interest in various applications presented in this book. In addition to enzymes and organic acids, other products of biotechnological importance such as carotenoids, bioactive substances, and chelators have also attracted researchers’ attention. Whole-cells of alkaliphiles have been used as food and feed, and are also useful in environmental applications such as in waste treatment and construction.