1. Record Nr. UNINA9910463336503321

Autore	Johnson William P. <1969->
Titolo	Texas waterfowl [[electronic resource] /] / William P. Johnson and Mark W. Lockwood
Pubbl/distr/stampa	College Station, : Texas A&M University Press, c2013
ISBN	1-60344-820-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (194 p.)
Collana	W.L. Moody Jr. natural history series ; ; no. 46
Altri autori (Persone)	LockwoodMark
Disciplina	598.4/1
Soggetti	Waterfowl - Texas Electronic books.
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 (p. [139]-169) and index.
Nota di contenuto	Abbreviations and map key -- Species accounts -- Tree ducks (Whistling-ducks): Black-bellied whistling-duck -- Fulvous whistling-duck -- Geese: Greater white-fronted goose -- Snow goose -- Ross's goose -- Canada goose and Cackling goose -- Brant -- Swans: Trumpeter swan -- Tundra swan -- Perching ducks: Muscovy duck -- Wood duck -- Dabbling ducks: Gadwall -- Eurasian wigeon -- American wigeon -- American black duck -- Mallard -- Mexican duck -- Mottled duck -- Blue-winged teal -- Cinnamon teal -- Northern shoveler -- White-cheeked pintail -- Northern pintail -- Garganey -- Green-winged teal -- Diving ducks: Canvasback -- Redhead -- Ring-necked duck -- Greater scaup -- Lesser scaup -- Sea ducks: Common eider -- King eider -- Harlequin duck -- Surf scoter -- White-winged scoter -- Black scoter -- Long-tailed duck -- Bufflehead -- Common goldeneye -- Barrow's goldeneye -- Hooded merganser -- Common merganser -- Red-breasted merganser -- Stiff-tailed ducks: Masked duck -- Ruddy duck -- Scientific names of animals and plants occurring in the text.
Sommario/riassunto	In this beautifully illustrated guide, two practicing wildlife biologists describe the life histories of forty-five species of ducks, geese, and swans that occur in Texas. For common species and those that breed in the state, each account begins with an interesting fact (such as, "Red-breasted Mergansers have been clocked at over 80 mph, the fastest recorded flight speed for a duck . . .") and provides information on

		Texas distribution and harvest, population status, diet, range and habitats, reproduction, and appearance. Exquisite photographs, information

2.	Record Nr.	UNINA9910453736503321
	Autore	Thompson Richard F.
	Titolo	Memory : The Key to Consciousness / / Richard F. Thompson, Stephen A. Madigan
	Pubbl/distr/stampa	Princeton, NJ : , : Princeton University Press, , [2013] ©2008
	ISBN	1-4008-4948-9
	Edizione	[Course Book]
	Descrizione fisica	1 online resource (289 p.)
	Collana	Science Essentials ; ; 19
	Disciplina	153.12
	Soggetti	Learning - Physiological aspects Learning, Psychology of Memory Thought and thinking SCIENCE / Physics / Astrophysics Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. What Is Memory? -- 2. Memories of the Here and Now -- 3. The Early Development of Memory -- 4. Ordinary Forgetting -- 5. Amnesia -- 6. False Memory -- 7. Emotional Learning and Memory -- 8. Language -- 9. Mechanisms of Memory -- 10. The Future of Memory -- Suggested Readings -- Notes -- Index
	Sommario/riassunto	Memory is perhaps the most extraordinary phenomenon in the natural world. Every person's brain holds millions of bits of information in long-term storage. This vast memory store includes our extensive vocabulary and knowledge of language; the tremendous and unique variety of facts we've amassed; all the skills we've learned, from walking and talking to musical and athletic performance; many of the emotions

	we feel; and the continuous sensations, feelings, and understandings of the world we term consciousness. Without memory there can be no mind as we understand it. Focusing on cutting-edge research in behavioral science and neuroscience, Memory is a primer of our current scientific understanding of the mechanics of memory and learning. Over the past two decades, memory research has accelerated and we have seen an explosion of new knowledge about the brain. For example, there now exists a wide-ranging and successful applied science devoted exclusively to the study of memory that has yielded better procedures for eliciting valid recollections in legal settings and improved the diagnosis and treatment of memory disorders. Everyone fascinated by the scope and power of the human brain will find this book unforgettable.

3.

Record Nr.	UNINA9910141494703321
Autore	Cheng Y. Frank <1969->
Titolo	Stress corrosion cracking of pipelines [[electronic resource] /] / Y. Frank Cheng
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, Inc., [2013]
ISBN	1-5231-2380-X 1-118-53702-5 1-299-06838-3 1-118-53698-3
Descrizione fisica	1 online resource (283 p.)
Collana	Wiley Series in Corrosion
Disciplina	621.8/672
Soggetti	Pipelines - Corrosion Pipelines - Cracking Steel - Corrosion
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	Stress Corrosion Cracking of Pipelines; Contents; Foreword; Preface; List of Abbreviations and Symbols; 1 Introduction; 1.1 Pipelines as "Energy Highways"; 1.2 Pipeline Safety and Integrity Management; 1.3

Pipeline Stress Corrosion Cracking; References; 2 Fundamentals of Stress Corrosion Cracking; 2.1 Definition of Stress Corrosion Cracking; 2.2 Specific Metal-Environment Combinations; 2.3 Metallurgical Aspects of SCC; 2.3.1 Effect of Strength of Materials on SCC; 2.3.2 Effect of Alloying Composition on SCC; 2.3.3 Effect of Heat Treatment on SCC; 2.3.4 Grain Boundary Precipitation
2.3.5 Grain Boundary Segregation2.4 Electrochemistry of SCC; 2.4.1 SCC Thermodynamics; 2.4.2 SCC Kinetics; 2.5 SCC Mechanisms; 2.5.1 SCC Initiation Mechanisms; 2.5.2 Dissolution-Based SCC Propagation; 2.5.3 Mechanical Fracture-Based SCC Propagation; 2.6 Effects of Hydrogen on SCC and Hydrogen Damage; 2.6.1 Sources of Hydrogen; 2.6.2 Characteristics of Hydrogen in Metals; 2.6.3 The Hydrogen Effect; 2.6.4 Mechanisms of Hydrogen Damage; 2.7 Role of Microorganisms in SCC; 2.7.1 Microbially Influenced Corrosion; 2.7.2 Microorganisms Involved in MIC; 2.7.3 Role of MIC in SCC Processes
2.8 Corrosion Fatigue2.8.1 Features of Fatigue Failure; 2.8.2 Features of Corrosion Fatigue; 2.8.3 Factors Affecting CF and CF Management; 2.9 Comparison of SCC, HIC, and CF; References; 3 Understanding Pipeline Stress Corrosion Cracking; 3.1 Introduction; 3.2 Practical Case History of SCC in Pipelines; 3.2.1 Case 1: SCC of Enbridge Glenavon Pipelines (SCC in an Oil Pipeline); 3.2.2 Case 2: SCC of Williams Lake Pipelines (SCC in a Gas Pipeline); 3.3 General Features of Pipeline SCC; 3.3.1 High-pH SCC of Pipelines; 3.3.2 Nearly Neutral-pH SCC of Pipelines; 3.3.3 Cracking Characteristics
3.4 Conditions for Pipeline SCC3.4.1 Corrosive Environments; 3.4.2 Susceptible Line Pipe Steels; 3.4.3 Stress; 3.5 Role of Pressure Fluctuation in Pipelines: SCC or Corrosion Fatigue?; References; 4 Nearly Neutral-pH Stress Corrosion Cracking of Pipelines; 4.1 Introduction; 4.2 Primary Characteristics; 4.3 Contributing Factors; 4.3.1 Coatings; 4.3.2 Cathodic Protection; 4.3.3 Soil Characteristics; 4.3.4 Microorganisms; 4.3.5 Temperature; 4.3.6 Stress; 4.3.7 Steel Metallurgy; 4.4 Initiation of Stress Corrosion Cracks from Corrosion Pits; 4.5 Stress Corrosion Crack Propagation Mechanism
4.5.1 Role of Hydrogen in Enhanced Corrosion of Steels4.5.2 Potential-Dependent Nearly Neutral-pH SCC of Pipelines; 4.5.3 Pipeline Steels in Nearly Neutral-pH Solutions: Always Active Dissolution?; 4.6 Models for Prediction of Nearly Neutral-pH SCC Propagation; References; 5 High-pH Stress Corrosion Cracking of Pipelines; 5.1 Introduction; 5.2 Primary Characteristics; 5.3 Contributing Factors; 5.3.1 Coatings; 5.3.2 Cathodic Protection; 5.3.3 Soil Characteristics; 5.3.4 Microorganisms; 5.3.5 Temperature; 5.3.6 Stress; 5.3.7 Metallurgies; 5.4 Mechanisms for Stress Corrosion Crack Initiation
5.4.1 Electrochemical Corrosion Mechanism of Pipeline Steels in a Thin Layer of Carbonate-Bicarbonate Electrolyte Trapped Under a Disbonded Coating

Sommario/riassunto

Explains why pipeline stress corrosion cracking happens and how it can be prevented Pipelines sit at the heart of the global economy. When they are in good working order, they deliver fuel to meet the ever-growing demand for energy around the world. When they fail due to stress corrosion cracking, they can wreak environmental havoc. This book skillfully explains the fundamental science and engineering of pipeline stress corrosion cracking based on the latest research findings and actual case histories. The author explains how and why pipelines fall prey to stress corrosio