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Soggetti	Metallomesogens
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Metallomesogens; Biography; Preface; Contents; List of Contributors; 1 Introduction; 1.1 General Concepts: Metallomesogens; 1.2 General Concepts: Liquid Crystals; 1.3 Mesophases; 1.3.1 Calamitic Mesophases; 1.3.2 Discotic Mesophases [30]; 1.3.3 Lyotropic Mesophases; References; Part A Materials; 2 Low Molecular Weight Lyotropic Metallomesogens; 2.1 Micellar Lyotropic Metallomesogens; 2.2 Chromonic Metallomesogens; 2.3 Summary; References; 3 Low Molecular Weight Calamitic Metallomesogens; 3.1 Metal-Organic Liquid Crystals; 3.1.1 Metal-Organic Liquid Crystals with Monodentate Ligands 3.1.1.1 Nitrile Ligands 3.1.1.2 Pyridine Ligands; 3.1.1.3 Amine Ligands; 3.1.1.4 Thiolate Ligands; 3.1.1.5 Summary; 3.1.2 Metal-Organic Liquid Crystals with Bidentate Ligands; 3.1.2.1 2-Substituted Pyrrole Derivatives; 3.1.2.2 Salicylideneamine Derivatives; 3.1.2.3 Enaminoketone Derivatives; 3.1.2.4 Aroylhydrazine Derivatives; 3.1.2.5 -P-Diketone Derivatives; 3.1.2.6 Salicylaldehyde Derivatives; 3.1.2.7 Alkylcarboxylate Derivatives; 3.1.2.8 Monothio--Diketone Derivatives; 3.1.2.9 Dithiolene Derivatives; 3.1.2.10 Dithiobenzoate Derivatives; 3.1.2.11 Dithiocarbamate Derivatives

3.1.2.12 Summary  
 3.1.3 Metal-Organic Liquid Crystals with Tetradentate Ligands; 3.1.3.1 Annelide Derivatives; 3.1.3.2 Porphyrin Derivatives; 3.1.3.3 Salicylidenediamine Derivatives; 3.1.3.4 2,2'-Bipyridine Derivatives; 3.1.3.5 1,10-Diaza-4,7,13,16-Tetrathiacyclooctadecane Derivatives; 3.1.3.6 Summary; 3.2 Organometallic Liquid Crystals; 3.2.1 Organometallic Liquid Crystals with Monodentate Ligands; 3.2.1.1 Alkynyl Derivatives; 3.2.1.2 Isonitrile Derivatives; 3.2.1.3 Summary; 3.2.2 Organometallic Liquid Crystals with Bidentate Ligands; 3.2.2.1 Dinuclear ortho-Palladated Complexes  
 3.2.2.2 Mononuclear ortho-Metallated Complexes  
 3.2.2.3 Summary; 3.2.3 Organometallic Liquid Crystals with Meta-Bonds; 3.2.3.1 Metallocene Derivatives; 3.2.3.2 Butadiene Complexes; 3.2.3.3 Summary; References; 4 Low Molecular Weight Discotic Metallomesogens; 4.1 Mononuclear Metal Complexes with Bidentate Ligands; 4.1.1 -Diketonate Complexes; 4.1.1.1 Complexes with one Aliphatic Ring at each Phenyl Ring; 4.1.1.2 Complexes with two or more Aliphatic Chains at each Phenyl Ring; 4.1.2 Dithiolene Complexes; 4.1.3 1,2-Dioxime Complexes; 4.2 Dinuclear Metal Complexes with Bidentate Ligands  
 4.2.1 Carboxylate Complexes  
 4.2.2 Dithiocarboxylate Complexes; 4.2.3 Benzalimine Complexes; 4.3 Metal Complexes with Tridentate Ligands; 4.3.1 1,4,7-Triazacyclononane Complexes; 4.3.2 Pyridinediyl-2,6-dimethanol Complexes; 4.3.3 1,3,5-Triketonate Complexes; 4.4 Mononuclear Metal Complexes with Tetradentate Ligands; 4.4.1 Phthalocyanine Complexes; 4.4.2 Porphyrin Complexes; 4.4.3 Tetraazaporphyrin Complexes; 4.4.4 Tetrapyrazinoporphyrazine Complexes; 4.4.5 1,4,8,11-Tetraazacyclotetradecane Complexes; 4.4.6 Bis(salicylidene)diimine Complexes; 4.4.7 P-Diketonate Schiff Base Complexes  
 4.4.8 Calixarene Complexes

## Sommario/riassunto

Research on metal-containing liquid crystals is a rapidly expanding, multidisciplinary field with new materials continually being synthesized and novel applications being developed. 'Metallomesogens' is the first comprehensive survey of the field, introducing the reader to: materials design\* synthesis\* physical properties\* emerging applications. Carefully selected references round off this well-organized compendium. It is an indispensable guide to experienced researchers in coordination and organometallic chemistry as well as in liquid-crystal and materials science.

2. Record Nr.	UNINA9910968681303321
Autore	Gomez Gay M (Gay Maria), <1956->
Titolo	The Louisiana coast : guide to an American wetland / / Gay M. Gomez
Pubbl/distr/stampa	College Station, : Texas A&M University Press, c2008
ISBN	1-299-05318-1 1-60344-271-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (204 p.)
Collana	Gulf Coast studies ; ; no. 15 TAM nature guides
Disciplina	508.763
Soggetti	Natural history - Louisiana - Gulf Coast Wetlands - Louisiana - Gulf Coast Landscapes - Louisiana - Gulf Coast Chenier plains - Louisiana - Gulf Coast Coastal ecology - Louisiana - Gulf Coast Gulf Coast (La.) Guidebooks Mississippi River Delta (La.) Guidebooks Gulf Coast (La.) Environmental conditions
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Nota di bibliografia	Includes bibliographical references (p. [169]-181) and index.
Nota di contenuto	Prelude: Coastal roots -- The Louisiana coast : vital, valuable, and vulnerable -- Deltaic plain and Chenier plain landscapes -- Coastal vistas : vegetation -- Coastal vistas : wildlife -- Coastal vistas : human activities -- Wetland loss and restoration -- Visiting the coast -- Conclusion: Tenacity -- Books and other resources to enhance your wetland experience.
Sommario/riassunto	Hurricane Katrina gave the nation an urgent reminder of the extent and value of Louisiana's wetlands when daily discussions of subsidence and sedimentation revealed how much ordinary coastal processes affect humanity--and vice versa. Now, with a native Louisiana naturalist as a guide, readers can learn how best to enjoy, appreciate, and protect this vanishing landscape. Part natural history and part field guide, The Louisiana Coast takes readers across one of only three major chenier plains in the world to the Atchafalaya Basin, the largest river basin

swamp on the continent, and through the network of bayous, natural levees, cypress swamps, marshes, and barrier islands of the Deltaic Plain. Color photographs illustrate chapters on vegetation, wildlife, and the rich human culture that defines Louisiana. With the intimate knowledge of one whose life has been shaped by this remarkable environment, author Gay M. Gomez leads visitors to nature trails, wildlife refuges, Audubon sanctuaries, and parks. A visitor's guide at the end of the book features destinations open to the public for wildlife watching, photography, and even hunting, fishing, crabbing, and cast netting. Everyone who lives in or visits Louisiana and anyone interested in the conservation, ecology, natural history, and geography of the region will appreciate Gomez's exploration of the land, its people, its resources, and its vulnerabilities. "The Louisiana Coast" will encourage readers to share the author's love for this vital, distinct, and beautiful place.

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