

1. Record Nr.	UNINA9910151927103321
Titolo	Handbook of Teichmüller Theory, Volume III // Athanase Papadopoulos
Pubbl/distr/stampa	Zuerich, Switzerland, : European Mathematical Society Publishing House, 2012
ISBN	3-03719-603-3
Descrizione fisica	1 online resource (874 pages)
Collana	IRMA Lectures in Mathematics and Theoretical Physics (IRMA) ; , 2523-5133 ; ; 17
Classificazione	30-xx32-xx
Soggetti	Complex analysis Functions of a complex variable Several complex variables and analytic spaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Teichmuller theory, old and new, III / Athanase Papadopoulos -- Quasiconformal and BMO-quasiconformal homeomorphisms / Jean-Pierre Otal -- Earthquakes on the hyperbolic plane / Jun Hu -- Kerckhoff's lines of minima in Teichmuller space / Caroline Series -- A tale of two groups: arithmetic groups and mapping class groups / Lizhen Ji -- Simplicial actions of mapping class groups / John D. McCarthy, Athanase Papadopoulos -- On the coarse geometry of the complex of domains / Valentina Disarlo -- Minimal generating sets for the mapping class group / Mustafa Korkmaz -- From mapping class groups to monoids of homology cobordisms: a survey / Kazuo Habiro, Gwenael Massuyeau -- A survey of Magnus representations for mapping class groups and homology cobordisms of surfaces / Takuya Sakasai -- Asymptotically rigid mapping class groups and Thompson groups / Louis Funar, Christophe Kapoudjian, Vlad Sergiescu -- An introduction to moduli spaces of curves and their intersection theory / Dimitri Zvonkine -- Homology of the open moduli space of curves / Ib Madsen -- On the L^p -cohomology and the geometry of metrics on moduli spaces of curves / Lizhen Ji, Steven Zucker -- The Weil-Petersson metric and the renormalized volume of hyperbolic 3-manifolds / Kirill Krasnov, Jean-Marc Schlenker -- Discrete Liouville equation and Teichmuller theory / Rinat Kashaev.

The subject of this handbook is Teichmüller theory in a wide sense, namely the theory of geometric structures on surfaces and their moduli spaces. This includes the study of vector bundles on these moduli spaces, the study of mapping class groups, the relation with 3-manifolds, the relation with symmetric spaces and arithmetic groups, the representation theory of fundamental groups, and applications to physics. Thus the handbook is a place where several fields of mathematics interact: Riemann surfaces, hyperbolic geometry, partial differential equations, several complex variables, algebraic geometry, algebraic topology, combinatorial topology, low-dimensional topology, theoretical physics, and others. This confluence of ideas towards a unique subject is a manifestation of the unity and harmony of mathematics. The present volume contains surveys on the fundamental theory as well as surveys on applications to and relations with the fields mentioned above. It is written by leading experts in the fields. Some of the surveys contain classical material, while others present the latest developments of the theory as well as open problems. The metric and the analytic theory. The group theory. The algebraic topology of mapping class groups and moduli spaces. Teichmüller theory and mathematical physics. The handbook is addressed to graduate students and researchers in all the fields mentioned.

2. Record Nr.	UNINA9911009145703321
Autore	Melletti Mario
Titolo	Deer of the World : Ecology, Conservation and Management // edited by Mario Melletti, Stefano Focardi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-17756-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (2021 pages)
Collana	Fascinating Life Sciences, , 2509-6753
Altri autori (Persone)	FocardiStefano
Disciplina	599.65
Soggetti	Vertebrates Conservation biology Ecology Animal behavior Evolution (Biology) Veterinary medicine Vertebrate Zoology Conservation Biology Behavioral Ecology Evolutionary Biology Veterinary Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I. Systematics, Evolution and Behaviour -- Phylogeny and Systematic of Cervidae -- The Extinction of Pleistocene Deer -- Evolutionary Meaning of Antlers -- Part II Species Accounts -- European Fallow Deer (Dama Dama) -- Persian Fallow Deer (Dama Mesopotamica) -- Hangul Deer/Tarim Red Deer (Cervus hangul) -- Wapiti (Cervus Canadensis) -- Sika Deer (Cervus Nippon) -- Red Deer (Cervus Elaphus) -- Javan Deer (Rusa Timorensis) -- Sambar Deer (Rusa Unicolor) -- Visayan Spotted Deer/Philippine Spotted Deer (Rusa Alfrede) -- Philippine Deer (Rusa Marianna) -- Pére David's Deer (Elaphurus Davidianus) -- Eld's Deer (Rucervus Eldii) -- Bawean Deer (Axis Kuhlii) -- Hog Deer (Axis Porcinus) -- Chital/Axis Deer (Axis Axis) -- Calamian Deer (Axis Calamianensis) -- Barasingha (Rucervus

Duvaucelii) -- Black Muntjac (*Muntiacus Crinifrons*) -- Bornean Yellow Muntjac (*MuntiacusAtherodes*) -- Fea's Muntjac (*Muntiacus Feae*) -- Southern Red Muntjac (*Muntiacus Muntjac*) -- Gongshan Muntjac (*Muntiacus Gongshanensis*) -- Leaf Muntjac (*Muntiacus Putaoensis*) -- Annamite Muntjac (*Muntiacus Truongsonensis*) -- Roosevelt's Muntjac (*Muntiacus Rooseveltorum*) -- Lange-Aantlered Muntjac (*Muntiacus Vuquangensis*) -- Reeves's Muntjac (*Muntiacus Reevesi*) -- Puhoat Muntjac (*Muntiacus Puhoatensis*) -- Northern Red Muntjac (*Muntiacus Vaginalis*) -- Sumatran Mountain Muntjac (*Muntiacus Montanus*) -- Tufted Deer (*Elaphodus Cephalophus*) -- Peruvian/Common Dwarf Brouzet (*Mazama Chunyi*) -- Gray Brouzet (*Mazama Gouazoubira*) -- North Andean Huemul/Taruca (*Hippocamelus Antisensis*) -- South Andean Huemul/Patagonian Huemul (*Hippocamelus Bisulcus*) -- Pampas Deer (*Ozotocerus Bezoarticus*) -- Amazonian Brown Brouzet (*Mazama Nemorivaga*) -- Southern Pudu (*Pudu Puda*) -- Marsh Deer (*Blastocerus Dichotomus*) -- Red Brouzet (*Mazama Americana*) -- Brazilian Dwarf Brouzet (*Mazama Nana*) -- Small Red Brouzet (*Mazama Bororo*) -- Central American Red Brouzet (*Mazama Temama*) -- Mule Deer (*Odocoileus Hemionus*) -- White Tailed Deer (*Odocoileus Virginianus*) -- Yucatan Brown Brouzet (*Mazama Pandora*) -- Dwarf Red Brouzet (*Mazama Rufina*) -- Reindeer/Caribou (*Rangifer Tarandus*) -- Northern Pudu (*Pudu Mephistophiles*) -- Roe Deer (*Capreoleus Capreoleus*) -- Siberian Roe Deer (*Capreoleus Pygargus*) -- Water Deer (*Hydropotes Inermis*) -- Moose (*Alces Alces*) -- Part III. Conservation and Management -- Deer Conservation in Asia and South America -- Conservation Genetics of Deer -- Disease of Cervids -- Impact of Hunting on Deer Populations -- Status and Management of Non-native Deer -- Impact of Deer on Forest Conservation -- Deer Farming: History, Economical Importance and Welfare.

Sommario/riassunto

This book is the first comprehensive reference work ever published on the systematics, ecology, conservation status, and management of all the world's deer species. Covering all 53 deer species worldwide, this volume brings together the contributions of 160 international deer experts and provides: A comprehensive overview of the current state of knowledge on the evolution, phylogeny, taxonomy, and systematics of deer An in-depth insight into the ecology and conservation status of each species, with detailed accounts A series of case studies on conservation, management, hunting, farming, disease ecology, and the impact of deer on forest ecosystems. This beautifully illustrated book is an invaluable resource for researchers, wildlife managers, and students of conservation biology, ecology, and management, as well as the interested layperson. It reveals the fascinating story of deer evolution, the long history of human interactions with deer, and the major threats to this charismatic species group.
