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Titolo	Cyclospora cayetanensis as a Foodborne Pathogen / / by Ynés R. Ortega, Lucy J. Robertson
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-53587-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (X, 65 p. 2 illus. in color.)
Collana	SpringerBriefs in Food, Health, and Nutrition, , 2197-571X
Disciplina	660.62
Soggetti	Microbiology Food—Biotechnology Public health Applied Microbiology Food Science Public Health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This Brief provides a comprehensive overview of Cyclospora cayetanensis, a protozoan apicomplexan parasite that leads to outbreaks of traveler's diarrhea in consumers. The main characteristics of Cyclospora cayetanensis infection are covered, including documented outbreaks, regional patterns and statistics. Various transmission routes for this parasite are outlined, with a focus on foodborne transmission. A major focus of Cyclospora Cayetanensis As A Foodborne Pathogen is the detection of Cyclospora cayetanensis in different food matrices. Decontamination procedures for the occurrence of this parasite in all major food types are outlined in detail, as well as current risk assessment procedures and regulations. The difficulty in minimizing the risk of infection in fresh produce is covered, plus potential solutions for this problem. This Brief not only comprehensively covers the current state of foodborne Cyclospora cayetanensis but also looks to future challenges in the detection, prevention and removal of this parasite in foods.

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Autore	Keller Peter C. <1947->
Titolo	Gemstones and Their Origins / / by P.C. Keller
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 1990
ISBN	1-4684-6674-7
Edizione	[1st ed. 1990.]
Descrizione fisica	1 online resource (144 pages) : 108 illus., 96 illus. in color
Disciplina	553 553.8
Soggetti	Mineralogy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographies and index.
Nota di contenuto	I Gemstones Deposited by Water on the Earth’s Surface -- 1. Gemstones Concentrated by Surface Waters: The Gem Gravels of Sri Lanka -- 2. Gemstones Formed from Surface Water: The Opals of Australia -- II Gemstones of Igneous-Hydrothermal Origin -- 3. Hydrothermal Gem Deposits: The Emerald Deposits of Colombia -- 4. Gemstones Formed in Pegmatites: Gem Pegmatites of Minas Gerais, Brazil -- 5. Gemstones Formed Directly from Molten Rock: The Ruby Deposits of Chanthaburi-Trat, Thailand -- III Gemstones Formed by Very High Temperatures and Pressures -- 6. Gemstones Formed by Low-Pressure Regional Metamorphism: The Ruby Deposits of Mogok, Burma -- 7. Gemstones Formed by High-Pressure Regional Metamorphism: The Jadeite Deposits of Tawmaw, Burma -- IV Gemstones Formed at Great Depths -- 8. Mantle Thrust Sheet Gem Deposits: The Zabargad Island, Egypt, Peridot Deposits -- 9. Diamond Pipes: The Diamond Deposits of Argyle, Western Australia.
Sommario/riassunto	Each gem deposit-whether of primary origin in the parent rocks; or secondary as alluvial placers in valley floors, river gravels, or the sand of oceanic shelves- presents an eloquent chronicle of the Earth's life story. It reveals to the expert the prodigious processes which formed the present crust of our planet, of which this volume discloses a small but exciting detail. The materials of the Earth's crust are the rocks. In this book, the author expounds on how they were formed, why they altered, why they became the cradles of precious gemstones, how they

are categorized, and how they are now exploited by man. What initiates the growth of gemstones? How do they crystallize? Why do gemstones of the same species, originating from different sources, vary? What causes the occurrence of varieties? Why do diamonds, unlike other precious stones, occur not near the Earth's surface in its crust, but deep down beneath it in the upper mantle? These are only a few of the entrancing subjects discussed in this enlightening volume. The reader learns that the Earth is surprisingly alive and altering constantly-sometimes through slow and equable changes and at times by violent and tremendous cataclysms, events from which gemstones issue.