

Conservation Outcomes Caribbean Islands Hotspot

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1:14,000,000
 projection: Albers Equal Area Conic
 central meridian 72.2° west longitude
 standard parallels 15° & 24° north latitude

- hotspot boundary
- Key Biodiversity Area, CEPF Priority*
- Key Biodiversity Area*
- protected area†
- country border (mainland)
- country border (overseas)
- town (national capitals underlined)
- inset map extent

* Key Biodiversity Areas are targets for achieving site-level conservation outcomes.
 † IUCN Categories Ia, Ib, B-VI

data: Bahamas National Trust, Bath University, BirdLife International, Conservation International, Science & Knowledge Division, Durrell Wildlife Conservation Trust, Global Shoreline Database, January 2011, Verdon (GDAIS) Group, Zoological Society of London, New York Botanical Garden, Society for Conservation Partnerships, Société Audubon Haiti, TNC - Caribbean Program, VMGO, National Geospatial Intelligence Agency, World Database of Protected Areas, 2011

This map was produced by the Conservation Mapping Program, K. Koening - Cartographer, Conservation International, 2011 Crystal Drive, Arlington, VA, 22202 © August 2011 CI

Key Biodiversity Areas in the Caribbean Islands Hotspot

The Caribbean Islands Hotspot consists mainly of three large groups of islands between North and South America: the Bahamas, the Greater Antilles (Puerto Rico, Jamaica, Cuba, and Hispaniola, which includes the Dominican Republic and Haiti), and the Lesser Antilles (an arc of islands in the eastern Caribbean Sea and in the southern Caribbean Sea just north of South America). While the hotspot spans more than 4 million km² of ocean, it covers only about 230,000 km² of land area, with the four islands of Cuba, Hispaniola, Jamaica and Puerto Rico making up around 90 percent of the land area.

The Caribbean Islands Hotspot supports a wealth of biodiversity within its terrestrial ecosystems, with a high proportion of species found nowhere else on Earth. It includes about 11,000 plant species, of which 72% are endemics. For vertebrates, remarkably high proportions of endemic species characterize the herpetofauna (100% of 189 amphibian species and 95% of 520 reptile species), likely due to their low dispersal rates, in contrast to the more mobile birds (26% of 564 species) and mammals (74% of 69 species). Species endemic to the hotspot represent 2.6% of the world's 300,000 known plant species and 3.5% of the world's 27,298 known vertebrate species.

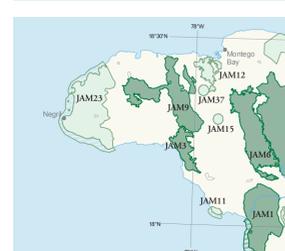
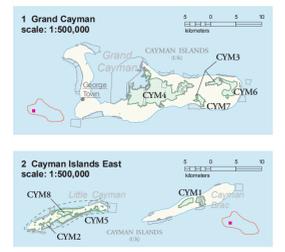
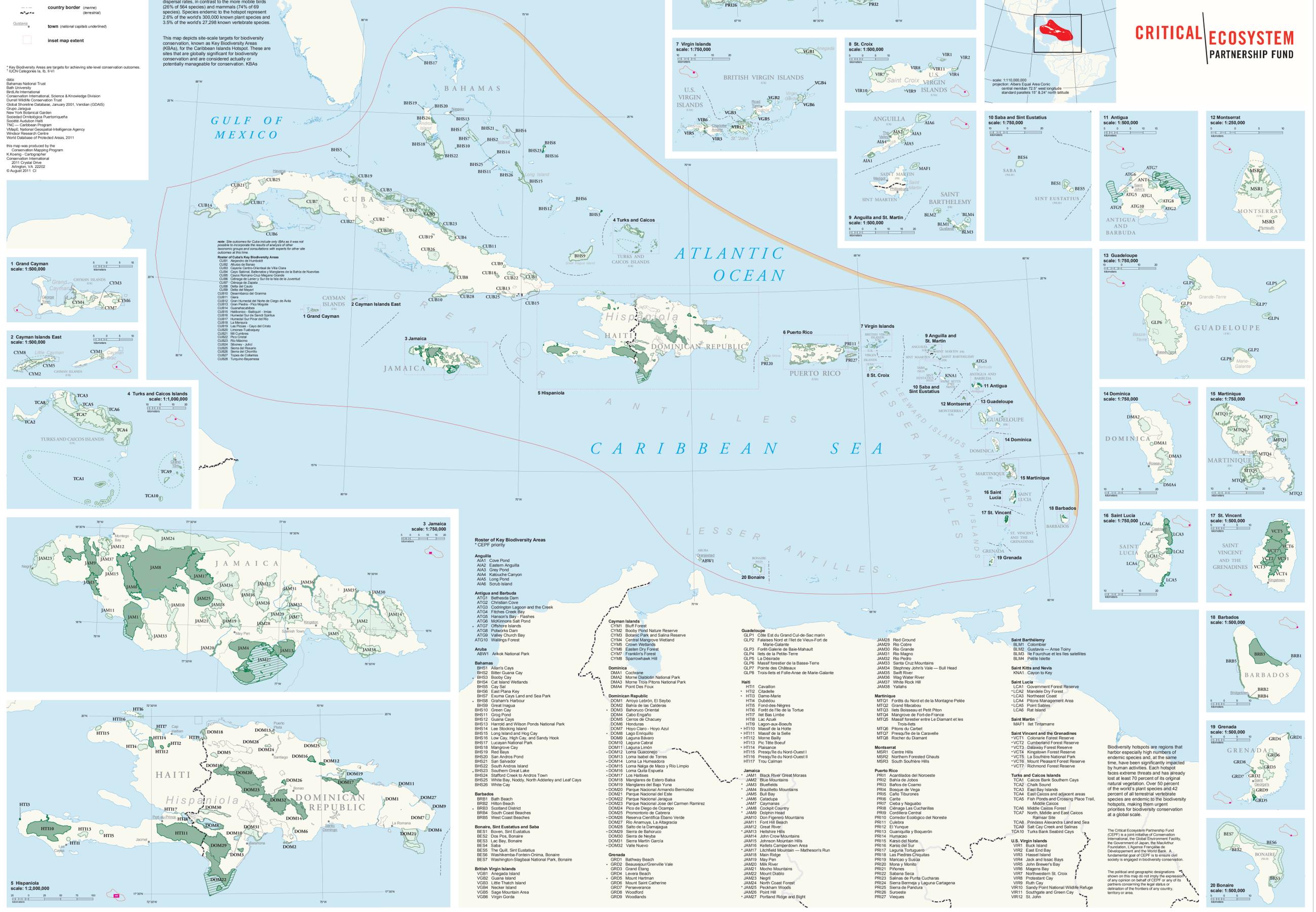
This map depicts site-scale targets for biodiversity conservation, known as Key Biodiversity Areas (KBAs), for the Caribbean Islands Hotspot. These are sites that are globally significant for biodiversity conservation and are considered actually or potentially manageable for conservation. KBAs

contain globally-threatened species that require site-scale conservation to prevent extinction in the short- to medium-term. The IUCN (International Union for the Conservation of Nature) Red List of Threatened Species documents 792 species that are listed as Critically Endangered, Endangered, or Vulnerable in the Caribbean Islands Hotspot.

Today, no more than 23,000 km², or 10% of the original vegetation, remains in a pristine state in the hotspot. By percentage, amphibians and mammals are the most threatened of the taxonomic groups assessed by the IUCN, at 77 percent and 59 percent respectively. The Alliance for Zero Extinction, a joint initiative of 67 biodiversity conservation organizations dedicated to preventing the imminent extinction of the world's most threatened species, has identified the last remaining sites for 69 threatened species in the Caribbean Islands Hotspot. Among these sites is Haiti's Massif de la Hotte, a KBA that is the only home for 15 globally-threatened species. Other sites in the hotspot also contain large numbers of globally-threatened species, such as Cockpit Country and Litchfield Mountain - Matheson's Run in Jamaica, which have 58 and 44 globally-threatened species, respectively.

The main threats to the terrestrial biodiversity of the insular Caribbean are habitat destruction and fragmentation due to agriculture, urban tourism and industrial/commercial development driven by increasing population and affluence; overexploitation of living resources; and predation and competition by invasive alien species. Climate change is an increasingly significant threat. Targeted conservation is urgently needed to combat these threats. Protecting the biodiversity of the region by safeguarding KBAs may be achieved by declaring new protected areas, strengthening management of existing protected areas, working towards community-based resource management, implementing ecosystem service payments for conservation, promoting ecotourism, and other initiatives.

For more information, visit www.cepf.net.



- Note: Site outcomes for Cuba include only those sites that it was not possible to incorporate the results of analyses of other taxonomic groups and consultants with reports for other site outcomes of this time.
- Rooster of Cuba Key Biodiversity Areas**
- CUB1 Alejandro de Humboldt
 - CUB2 Atlixo de Cayo
 - CUB3 Ciénaga de Zapata
 - CUB4 Ciénaga de Zapata - Mariposa
 - CUB5 Ciénaga de Zapata - Mariposa
 - CUB6 Ciénaga de Zapata - Mariposa
 - CUB7 Ciénaga de Zapata - Mariposa
 - CUB8 Ciénaga de Zapata - Mariposa
 - CUB9 Ciénaga de Zapata - Mariposa
 - CUB10 Ciénaga de Zapata - Mariposa
 - CUB11 Ciénaga de Zapata - Mariposa
 - CUB12 Ciénaga de Zapata - Mariposa
 - CUB13 Ciénaga de Zapata - Mariposa
 - CUB14 Ciénaga de Zapata - Mariposa
 - CUB15 Ciénaga de Zapata - Mariposa
 - CUB16 Ciénaga de Zapata - Mariposa
 - CUB17 Ciénaga de Zapata - Mariposa
 - CUB18 Ciénaga de Zapata - Mariposa
 - CUB19 Ciénaga de Zapata - Mariposa
 - CUB20 Ciénaga de Zapata - Mariposa
 - CUB21 Ciénaga de Zapata - Mariposa
 - CUB22 Ciénaga de Zapata - Mariposa
 - CUB23 Ciénaga de Zapata - Mariposa
 - CUB24 Ciénaga de Zapata - Mariposa
 - CUB25 Ciénaga de Zapata - Mariposa
 - CUB26 Ciénaga de Zapata - Mariposa
 - CUB27 Ciénaga de Zapata - Mariposa
 - CUB28 Ciénaga de Zapata - Mariposa
 - CUB29 Ciénaga de Zapata - Mariposa
 - CUB30 Ciénaga de Zapata - Mariposa

- Roster of Key Biodiversity Areas**
 * CEPF priority
- Anguilla**
 AA1 Cove Pond
 AA2 Eastern Anguilla
 AA3 Grey Pond
 AA4 Kalkbush Canyon
 AA5 Long Pond
 AA6 Scrub Island
- Antigua and Barbuda**
 ATG1 Barbados Dam
 ATG2 Christian Cove
 ATG3 Codrington Lagoon and the Creek
 ATG4 Fitches Creek Bay
 ATG5 Hanson's Bay - Flashes
 ATG6 Macdonalds Salt Pond
 ATG7 Offshore Islands
 ATG8 Palmatrix Dam
 ATG9 Valley Church Bay
 ATG10 Wallings Forest
- Aruba**
 ARW1 Arniko National Park
- Bahamas**
 BHS1 Allans Cays
 BHS2 Bitter Guana Cay
 BHS3 Boubou Cay
 BHS4 Cat Island Wetlands
 BHS5 Cay Salt
 BHS6 East Flats Key
 BHS7 Eastern Land and Sea Park
 BHS8 Graham's Harbour
 BHS9 Great Inagua
 BHS10 Green Cay
 BHS11 Grog Pond
 BHS12 Guana Cay
 BHS13 Harold and Wilson Ponds National Park
 BHS14 Lee Stocking Island
 BHS15 Long Island and Hog Cay
 BHS16 Low Cay, High Cay, and Sandy Hook
 BHS17 Lucayan National Park
 BHS18 Mangrove Cay
 BHS19 San Salvador
 BHS20 San Andrés Pond
 BHS21 San Salvador
 BHS22 South Andros Island
 BHS23 Southern Great Lake
 BHS24 Stafford Creek to Andros Town
 BHS25 White Bay, Noddy, North Andros and Leaf Cays
 BHS26 White Cay
- Barbados**
 BRB1 Bath Beach
 BRB2 Hilton Beach
 BRB3 Scotland District
 BRB4 South Coast Beaches
 BRB5 West Coast Beaches
- Bonaire, Sint Eustatius and Saba**
 BES1 Bonaire
 BES2 Dos Pos, Bonaire
 BES3 Lac Bay, Bonaire
 BES4 Saba
 BES5 The Quill, Sint Eustatius
 BES6 Washkema-Fontein-Onima, Bonaire
 BES7 Washington-Stigtag National Park, Bonaire
- British Virgin Islands**
 BVI1 Anegada Island
 BVI2 Guana Island
 BVI3 Little Dix Bay
 BVI4 Necker Island
 BVI5 Sage Mountain Area
 BVI6 Virgin Gorda
- Cayman Islands**
 CYM1 Bluff Forest
 CYM2 Boby Stone Nature Reserve
 CYM3 Botanic Park and Salina Reserve
 CYM4 Central Mangrove Wetland
 CYM5 Crown Wetlands
 CYM6 Eastern Dry Forest
 CYM7 Franklin's Forest
 CYM8 Sparrowhawk Hill
- Dominican Republic**
 DOM1 Cochine
 DOM2 Monte Dablon National Park
 DOM3 Monte Tiro Pinos National Park
 DOM4 Pointe à Pitre
- Dominica**
 DMA1 Anse-au-Loup
 DMA2 Baïa de las Calderas
 DMA3 Bateau-Creant
 DMA4 Cabo Engaño
 DMA5 Cays de Chapeau
 DMA6 Honduras
 DMA7 Hoyo Claro - Hoyo Azul
 DMA8 Lago Enriquillo
 DMA9 Laguna Barro
 DMA10 Laguna Cabral
 DMA11 Laguna Limón
 DMA12 Loma Guapey
 DMA13 Loma Isabel de Torres
 DMA14 Loma La Humadora
 DMA15 Loma Negra de Maco y Rio Limpio
 DMA16 Loma Santa Espeleta
 DMA17 Los Haitiers
 DMA18 Mangroves de Estero Balsa
 DMA19 Mangrove National Park
 DMA20 Parque Nacional Armando Bermudez
 DMA21 Parque Nacional del Este
 DMA22 Parque Nacional Jaraguá
 DMA23 Parque Nacional José del Carmen Ramírez
 DMA24 Pico de Diego de Ocampo
 DMA25 Promontorio de Cabrera
 DMA26 Reserva Científica Elabo Verde
 DMA27 Rio Anapaima, La Atalaya
 DMA28 Salto de la Damiguería
 DMA29 Sierra de Bahoruco
 DMA30 Sierra de Neiba
 DMA31 Sierra Martín Gaitanero
 DMA32 Valle Nuevo
- Grenada**
 GRD1 Bathway Beach
 GRD2 Beaugrand/Grenville Vale
 GRD3 Grand Etang
 GRD4 Levers Beach
 GRD5 Mount Hartman
 GRD6 Mount Saint Catherine
 GRD7 Perseverance
 GRD8 Mount Catherine
 GRD9 Woodford
 GRD10 Woodlands
- Guadeloupe**
 GLP1 Côte Est du Grand Cul-de-Sac marin
 GLP2 Falaises Nord et littoral de Vieux-Fort de Marie-Galante
 GLP3 Forêt-Galerie de Base Mahaut
 GLP4 Îles de la Petite Terre
 GLP5 La Désirade
 GLP6 Massif forestier de la Basses-Terre
 GLP7 Pointe des Châteaux
 GLP8 Trois-Îlets et Forêt-Ancêtre de Marie-Galante
- Haiti**
 HTI1 Cavallion
 HTI2 Claudielle
 HTI3 Dame-Marie
 HTI4 Duboué
 HTI5 Fond-des-Nègres
 HTI6 Forêt de l'île de la Tortue
 HTI7 Île aux Lumbes
 HTI8 Lac Azuel
 HTI9 Lagon-aux-Bouffes
 HTI10 Massif de la Hotte
 HTI11 Massif de la Selle
 HTI12 Morne Baly
 HTI13 Pico Tête-à-Tête
 HTI14 Plaisance
 HTI15 Presqu'île du Nord-Ouest I
 HTI16 Presqu'île du Nord-Ouest II
 HTI17 Trou Camain
- Jamaica**
 JAM1 Black River Great Morass
 JAM2 Blue Mountains
 JAM3 Bluefields
 JAM4 Brazillietto Mountains
 JAM5 Bull Bay
 JAM6 Catappa
 JAM7 Caymans
 JAM8 Cockpit Country
 JAM9 Dolphin Head
 JAM10 Don Figuero Mountains
 JAM11 Font Hill Beach
 JAM12 Great River
 JAM13 Hellshire Hills
 JAM14 John Crow Mountains
 JAM15 Johnson Mountain Hills
 JAM16 Kollers Campdown Area
 JAM17 Litchfield Mountain - Matheson's Run
 JAM18 Main Ridge
 JAM19 May Pen
 JAM20 Milk River
 JAM21 Mocha Mountains
 JAM22 Mount Oquendo
 JAM23 Neighi
 JAM24 North Coast Forest
 JAM25 Peckham Woods
 JAM26 Point Hill
 JAM27 Portland Ridge and Blight
- Martinique**
 MTQ1 Forêt du Nord et de la Montagne Pelée
 MTQ2 Grand Macabou
 MTQ3 Îlets Bouteau et Petit Piton
 MTQ4 Mangrove de Fort-de-France
 MTQ5 Massif forestier de la Diamant et les Trois-îlets
 MTQ6 Pointe du Carbet
 MTQ7 Presqu'île de la Caravelle
 MTQ8 Rocher du Diamant
- Montserrat**
 MSR1 Centre Hills
 MSR2 Northern Forested Ghats
 MSR3 South Soufrière Hills
- Puerto Rico**
 PRI1 Acahualtes del Noroeste
 PRI2 Bahía de Jobos
 PRI3 Bahías de Coamo
 PRI4 Bosque de Vega
 PRI5 Cafa Tirocunas
 PRI6 Cafa
 PRI7 Cabaña y Naguabo
 PRI8 Ciénaga Las Cucaritas
 PRI9 Cordillera Central
 PRI10 Corredor Ecológico del Noroeste
 PRI11 Culebra
 PRI12 El Yunque
 PRI13 Guayama y Boquerón
 PRI14 Humacao
 PRI15 Llanos del Norte
 PRI16 Marso del Sur
 PRI17 Laguna Tortuguero
 PRI18 Las Piedras Chiquitas
 PRI19 Main Ridge
 PRI20 Maricao y Sotillo
 PRI21 Mona y Morón
 PRI22 Mochos
 PRI23 Salinas de Punta Cucaritas
 PRI24 Sierra Bermeja y Laguna Cartagena
 PRI25 Sierra de Pandura
 PRI26 Surlete
 PRI27 Vieques
- Saint Barthélemy**
 BLM1 Colombier
 BLM2 Gustavia - Arise Tony
 BLM3 Île Fourchue et les îles satellites
 BLM4 Petite Islette
- Saint Kitts and Nevis**
 KNA1 Cayon to Key
- Saint Lucia**
 LCA1 Government Forest Reserve
 LCA2 Mandeville Dry Forest
 LCA3 Northeast Coast
 LCA4 Pitons Management Area
 LCA5 Point Salles
 LCA6 Reef Island
- Saint Martin**
 MAF1 Îlet Titmance
- Saint Vincent and the Grenadines**
 VCT1 Colonaire Forest Reserve
 VCT2 Cumberland Forest Reserve
 VCT3 Dallahway Forest Reserve
 VCT4 Kingsdown Forest Reserve
 VCT5 La Soufrière National Park
 VCT6 Mount Pleasant Forest Reserve
 VCT7 Richmond Forest Reserve
- Turks and Caicos Islands**
 TCA1 Caicos Bank Southern Cays
 TCA2 Chalk Sound
 TCA3 East Bay Islands
 TCA4 East Caicos and adjacent areas
 TCA5 Fish Ponds and Crossing Place Trail, Middle Caicos
 TCA6 Middle Caicos Forest
 TCA7 North, Middle and East Caicos
 TCA8 Princess Alexandra Land and Sea
 TCA9 Salt Cay Creek and Salinas
 TCA10 Turks and Caicos Islands
- U.S. Virgin Islands**
 VIR1 Buck Island
 VIR2 East End Bay
 VIR3 Hassel Island
 VIR4 Jack and Isaac Bays
 VIR5 John Drew's Bay
 VIR6 Magna Bay
 VIR7 Northwest St. Croix
 VIR8 Protektant Cay
 VIR9 Ruff Cay
 VIR10 Sandy Point National Wildlife Refuge
 VIR11 Soufrière and Green Cay
 VIR12 St. John

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 1/4,000,000
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CRITICAL ECOSYSTEM PARTNERSHIP FUND

6 Puerto Rico scale: 1:850,000

7 Virgin Islands scale: 1:750,000

8 St. Croix scale: 1:500,000

9 Anguilla and St. Martin scale: 1:500,000

10 Saba and Sint Eustatius scale: 1:750,000

11 Antigua and Barbuda scale: 1:750,000

12 Montserrat scale: 1:250,000

13 Guadeloupe scale: 1:750,000

14 Dominica scale: 1:750,000

15 Martinique scale: 1:750,000

16 Saint Lucia scale: 1:750,000

17 St. Vincent scale: 1:500,000

18 Barbados scale: 1:500,000

19 Grenada scale: 1:500,000

20 Bonaire scale: 1:500,000

Biodiversity hotspots are regions that harbor especially high numbers of endemic species and, at the same time, have been significantly impacted by human activities. Each hotspot faces extreme threats and has already lost at least 70 percent of its original natural vegetation. Over 50 percent of the world's plant species and 42 percent of all terrestrial vertebrate species are endemic to the biodiversity hotspots, making them top priorities for biodiversity conservation at a global scale.

The Critical Ecosystem Partnership Fund (CEPF) is a joint initiative of Conservation International, the Global Environment Facility, the Government of Japan, the World Bank, the Foundation, L'Agence Française de Développement and the World Bank. A fundamental goal of CEPF is to ensure civil society is engaged in biodiversity conservation.

The political and geographic designations shown on this map do not imply the expression of any opinion on behalf of CEPF or any of its partners concerning the legal status or delineation of the borders of any country, territory or area.