



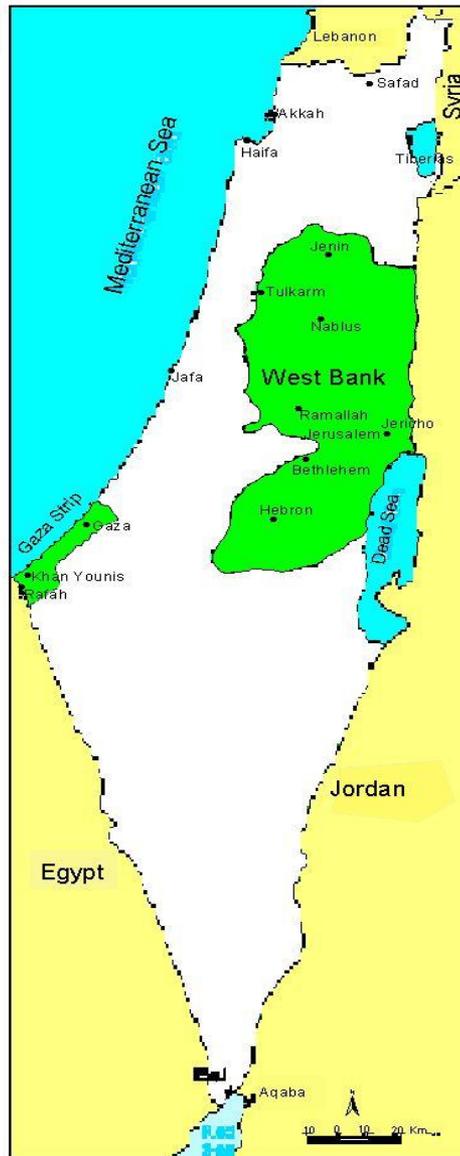
**SUBREGIONAL WORKSHOP FOR ARABIC-  
SPEAKING COUNTRIES ON THE CLEARING-  
HOUSE MECHANISM, Cairo, 5 –9 March 2018**

***Eng. Mohammed Mahassneh***

***Director of Biodiversity & Protected  
Areas Department***

***Environment Quality Authority***

Regional Location of Palestine



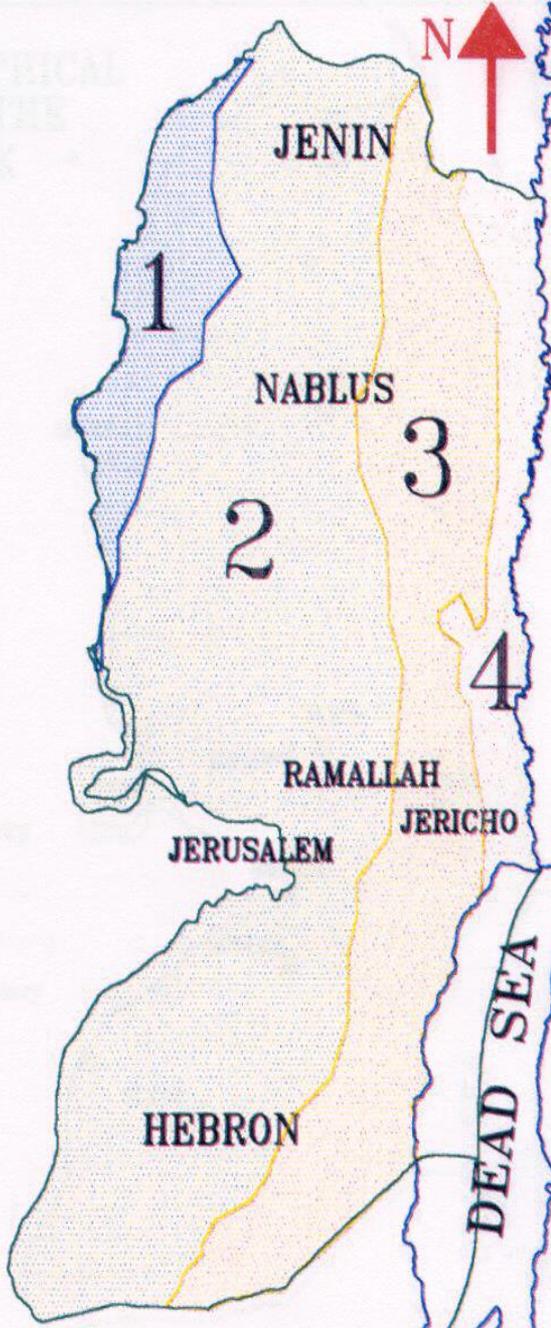
Palestinian Environmental Authority  
PEEA  
April 1999

Source: MOPIC

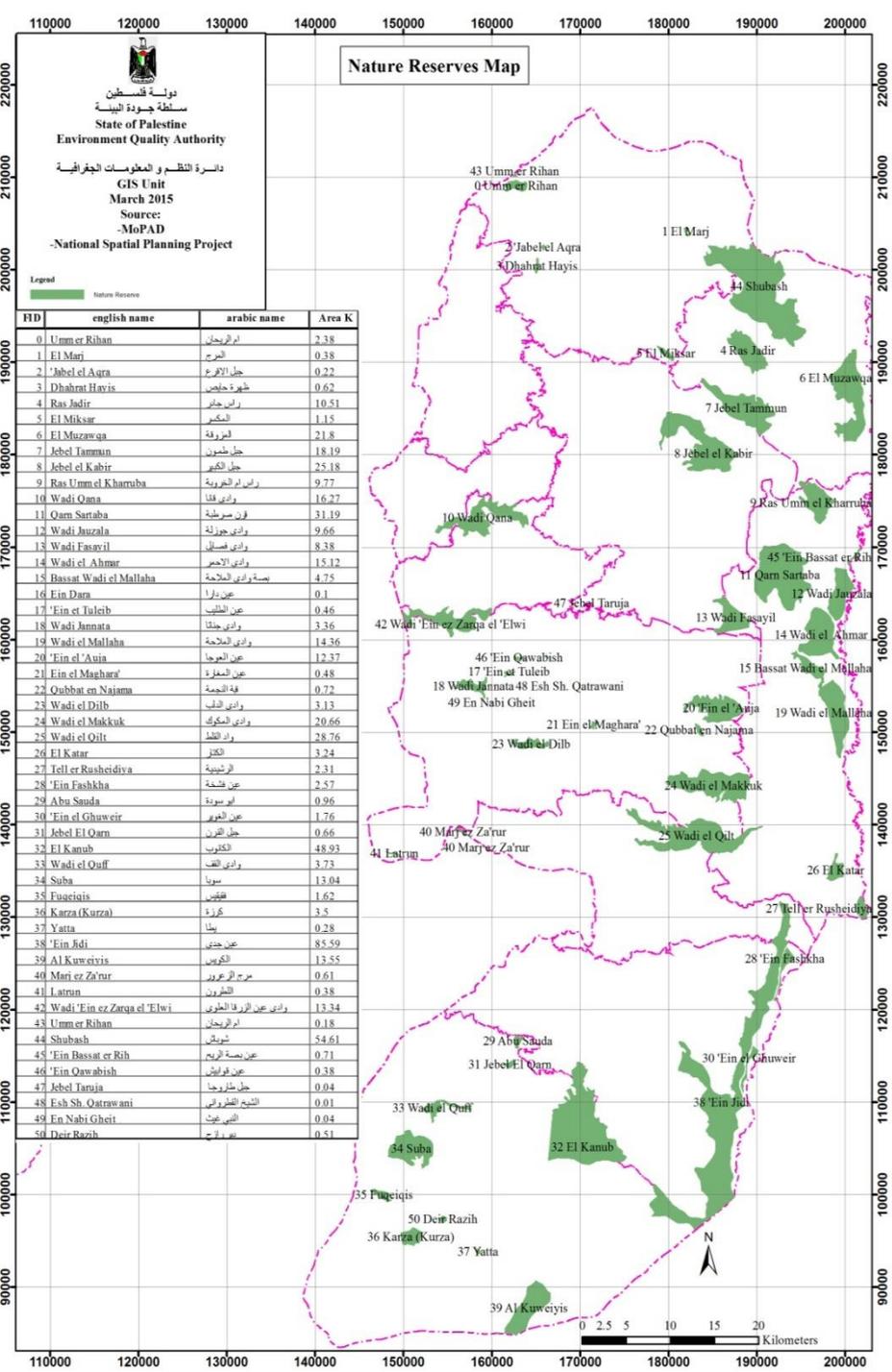
# Main Ecosystems and habitat zones and their distribution in State of Palestine

Ecosystem	Habitat Type	Examples of Protected Areas
<u>- The Central Highlands</u>	<ul style="list-style-type: none"> <li>- Quercus calliprinus woodland on limestone</li> <li>-Park forest of Ceratonia siliqua and - Pistacia lentiscus-</li> <li>Semi-Steppe Batha</li> <li>-Pinus halepensis and Arbutus andrachne woodland</li> </ul>	<ul style="list-style-type: none"> <li>Wadi alQuff, Um-Um-Tutt</li> <li>Tayyassir</li> <li>Wadi Shoubash</li> <li>Tammoun</li> <li>Um-Saffa</li> </ul>
<u>- The Semi-Coastal</u>	<ul style="list-style-type: none"> <li>- Quercus calliprinus woodland on limestone</li> </ul>	<ul style="list-style-type: none"> <li>Um-Rihan</li> </ul>
<u>- The Eastern Slopes</u>	<ul style="list-style-type: none"> <li>Steppe</li> </ul>	<ul style="list-style-type: none"> <li>Jerusalem Wilderness</li> </ul>
<u>- The Jordan Valley</u>	<ul style="list-style-type: none"> <li>Savannoid mediterranean vegetation</li> </ul>	<ul style="list-style-type: none"> <li>Wadi Quilt and Ein Auja</li> </ul>
<u>- The Coastal Plain (Gaza Strip)</u>	<ul style="list-style-type: none"> <li>Wetland</li> </ul>	<ul style="list-style-type: none"> <li>Wadi Gaza</li> </ul>

# CLIMATIC REGIONS IN THE WEST BANK



- 1 Semicoastal
- 2 Central highlands
- 3 Eastern slopes
- 4 Jordan Valley





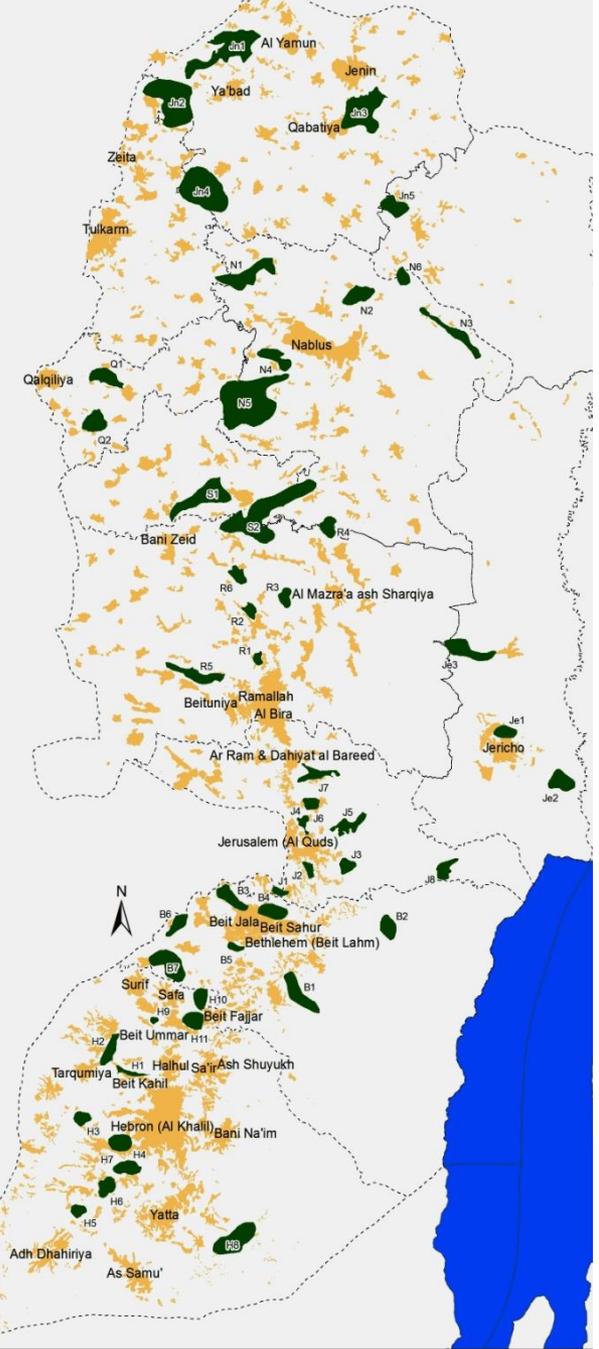
دولة فلسطين  
سلطة جودة البيئة  
State of Palestine  
Environment Quality Authority

دائرة النظم و المعلومات الجغرافية  
GIS Unit  
March 2015

Source:  
-MoPAD  
-National Spatial Planning Project

#	Cod	الاسم	area /sq KM2
1	Jn1	أم الزبحان الجديدة	13.8
2	Jn2	فخن / حكة	15.3
3	Jn3	أم التوت الجديدة	11.6
4	Jn4	فكر راعي	15.1
5	Jn5	عقبة	3.8
6	N1	مسطحة	7.7
7	N6	وادي الفزعة - الشرقي	1.8
8	N2	عميرة الشمالية / البانان	4.1
9	N3	العرقبة	4.8
10	N4	عين المزرب	3.7
11	Q1	حيوس / عزون	4
12	N5	سلمان الفارسي	23.4
13	Q2	سلمان الفارسي	3.9
14	S1	برقين	9.2
15	S2	وادي الشاعر	19
16	R4	ترمسعا / شمل	2.6
17	R6	أم الصفا / التي صالح	2.1
18	R3	الطنون	1.9
19	R2	بيد زيت	1.5
20	Je3	وادي العوجا	5.7
21	R1	جبل الجمة	1
22	R5	عين قنينا	4.8
23	Je1	عين السلطان	2.3
24	J7	مطقة تغنية وادي المط	3
25	Je2	وادي حجة	4
26	J6	عشا	1.7
27	J5	العزيرة	3.4
28	J3	بداية وادي الفار	1.9
29	J8	القي موسى	2.5
30	B6	حسان / وادي فخن	2.5
31	B2	مارسبا	3
32	B5	برك الملك سليمان	1
33	B7	جنوب شرق العروب	6.9
34	B1	وادي خيريون	5.5
35	H10	العروب / بيت فجار	2.4
36	H11	جنوب شرق العروب	3
37	H9	جنوب غرب بيت امر	0.5
38	H2	ترقوميا / نوبا	2.9
39	H1	بيت كحل	1.1
40	H7	شمل طريق دورا الرئيسي	3.4
41	H4	جنوب غرب الفواز	3.1
42	H6	شرق دير رازح	2.7
43	H8	المطقة المحيطة بالكرمل	8
44	J2	أبو نيس	1.2
45	J1	مأ الياس	1
46	B4	جبل أبو غنيم	3.5
47	B3	الوادي خلف بيت جلا	3.7
48	H3	صوبيا	1.9
49	H5	غرب كرمة	1.6
50	J4	مطقة شمل الطور	1.1
51	Ga1	وادي غزة	1.1

### Biodiversity Sites Map



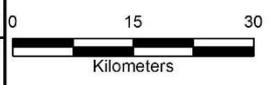
دولة فلسطين  
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دائرة النظم و المعلومات الجغرافية  
GIS Unit  
November 2016

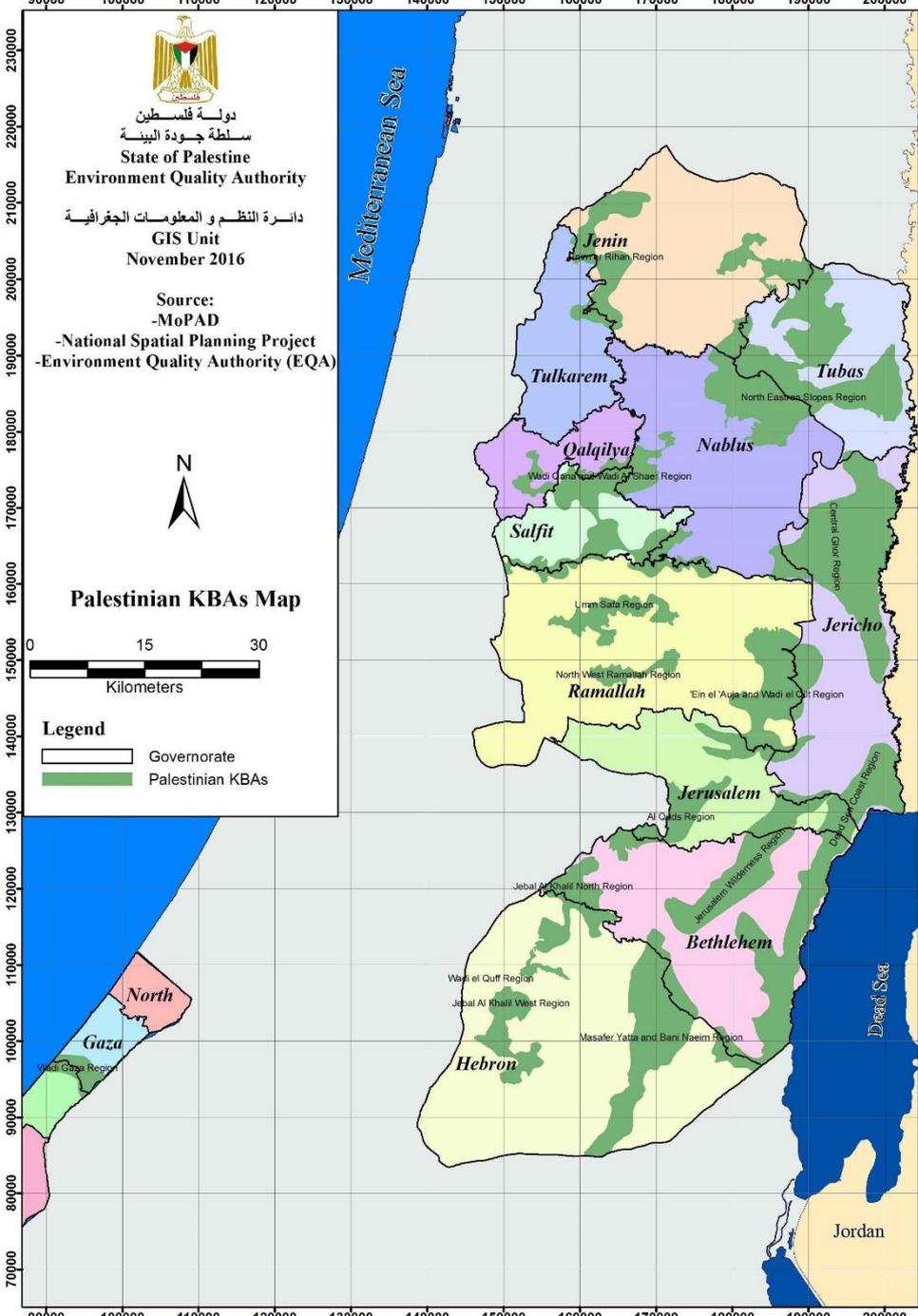
Source:  
-MoPAD  
-National Spatial Planning Project  
-Environment Quality Authority (EQA)



### Palestinian KBAs Map



- Legend**
- Governorate
  - Palestinian KBAs



**NBSAP (Biodiversity Strategy Main Goal) : Conservation and sustainable use of Biodiversity within the framework of national sustainable development in Palestine**

**Biodiversity Strategy Objectives:-**

- 1)- Conservation of Palestine's Biodiversity**
- 2)- Sustainable use of Palestine's biodiversity**
- 3)- Enhancement of local knowledge, skills, attitudes and practices for the conservation and the sustainable use of biodiversity**
- 4)- Equitable sharing of biodiversity benefits**
- 5)- Development of Palestinian institutional and human resource capacity in the field of biodiversity**

## Priority Initiatives for NBSAPP

- 1- Development and Management of a National Protected Areas System;
- 2- Mainstreaming of Biodiversity & protected Areas
- 3- Protecting Traditional Indigenous Knowledge and Property Rights
- 4- Development & Implementation of Biosafety Frameworks
- 5- Habitat Restoration
- 6- Collaborative Management of Biodiversity
- 7- Combating Desertification & Invasive species and Adapting with the Adverse impacts of Climate Change.
- 8- Improving and Enforcing the Environmental Law/ Other National Legislations and Frameworks on Biodiversity and protected Areas
- 9- Developing and Establishing of a Biodiversity & Protected Areas Information System and database
- 10- Promotion and management of Eco-tourism/and investigating Economical Aspects of Biodiversity & Protected Areas
- 11- Coastal Zone Management in Gaza & Dead Sea
- 12- Applying Ex-Situ Conservation and Establishment of a GeneBank

# Pressures and threats to biodiversity

- **Continuos Israëli occupation to Palestine**
- **Habitat Fragmentation through Sttlements, Separation wall...**
- **Unsustainable grazing**
- **Logging, fuelwood removal and uprooting of trees**
- **Fires**
- **Unsustainable hunting**
- **Habitat destruction for construction and conversion to agriculture**
- **Overexploitation of economically valuable plants**
- **Uncontrolled tourism**
- **Uncontrolled archaeological excavations**
- **Pollution with solid Waste,chemicals and waste water disposal**
- **Unsuitable management practices**
- **Climate change**

## Proposed Vision of the CHM of the State of Palestine:

*“To live in harmony with our environment and sustainably benefitting from our natural resources to achieve significantly the implementation of the NBSAPP and the CBD Strategic Plan for Biodiversity 2011-2020, through effective information and technologies services exchange and other appropriate means in order to promote and facilitate scientific and technical cooperation, knowledge sharing, and information exchange, and to establish a fully national operational network of partners“.*

## **Proposed National Plan (Roadmap) for the State of Palestine to establish strong and sustainable national CHM:**

- a) Designate a CHM NFP with appropriate expertise**
- b) Develop a national CHM implementation strategy as an NBSAP component**
- c) Develop the CHM for NBSAP implementation and review**
- d) Strengthen links between the CHM and the existing networks, and exchange mechanisms with national databases**
- e) Formulate national Steering Committee for the CHM**
- f) Allocate and mobilize resources to implement and sustain the CHM**
- g) Management of the responsibilities and roles of the CHM**
- h) Promotion and identification of the national biodiversity information sources**
- i) Use of the CHM as a public outreach and dialogue tool**
- j) Adapt the CHM website to be available in national or local languages**

# Proposed Goals and Objectives of the CHM:

The CHM portal main objective of the State of Palestine is to provide an effective mechanism for promoting, enabling access to, information and technologies exchange for the sustainable management of biodiversity between relevant experts and institutions. in form of metadata, reports, published papers, photographs and stakeholder links. Moreover, this platform will facilitate international access to information on the status of biodiversity and its management.

**Goal 1:** To provide a useful and an effective national platform for information and technologies exchange to facilitate the implementation of the national biodiversity strategy and action plan (NBSAPP);

**Goal 2:** To involve all Biodiversity Partners significantly for expanding the clearing-house mechanism network and services.;

**Goal 3:** To Raise the Awareness on Biodiversity for all community levels including the decision makers;

**Goal 4:** To Strengthen the cooperation and coordination between all Governmental, non Governmental and research Institutions;

**Goal 5:** To achieve a satisfactory national mainstreaming of biodiversity in sectoral and cross-sectoral plans and strategies

# Cooperation and Support Needed

- **Networking & Partnerships**
- **Capacity Building and continuous updating of the CHM**
- **Technical Support**
- **Information Exchange at all levels**
- **Maintenance of the CHM**
- **Resource mobilization for the CHM Strategy development**

# Proposed Menu for a National CHM

Convention (CBD)	Biodiversity	Implementation	Management	Cooperation	Information & Links
About the convention	Why BD is Important	NBSAPP	Protected Areas	National	Biodiversity Databases
CBD Commitments	Ecosystems and Habitats	NR's	Rich BD Areas	Regional	Monitoring and Indicators
Other Related Conventions	Species Diversity	Programs and projects	KBA's	International	Redlists
CBD Strategic Plan 2011-2020	IAS	Legislations and Enforcement	IBA's		National Experts
			IPA's		

<http://www.biodiv.be/palestine>











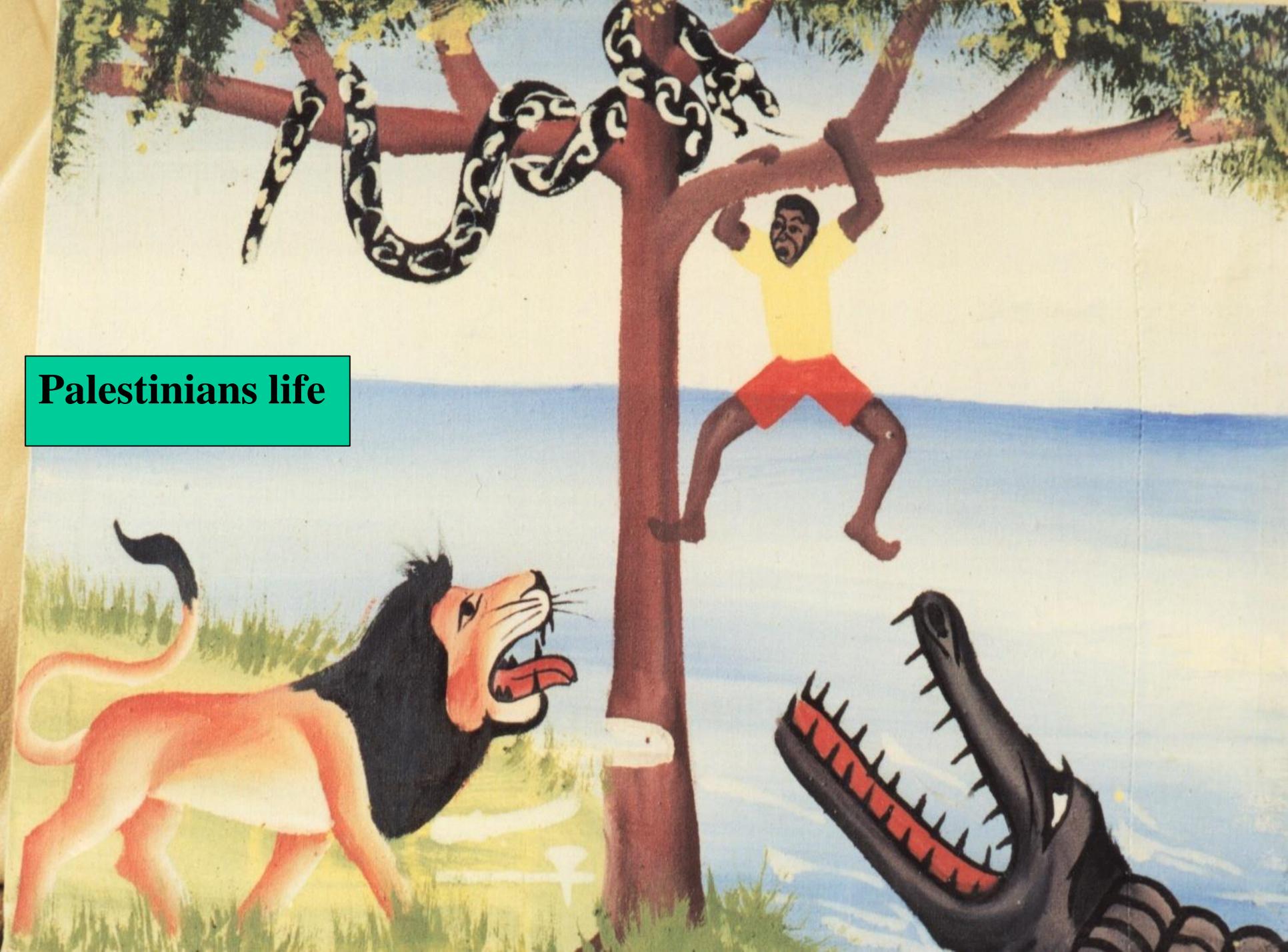








**Palestinians life**



**THANK YOU VERY MUCH  
FOR YOUR ATTENTION!**

**شكرا جزيلاً لحسن انتباهكم**