Prähistorische Felskunst Brandberg / Dâureb

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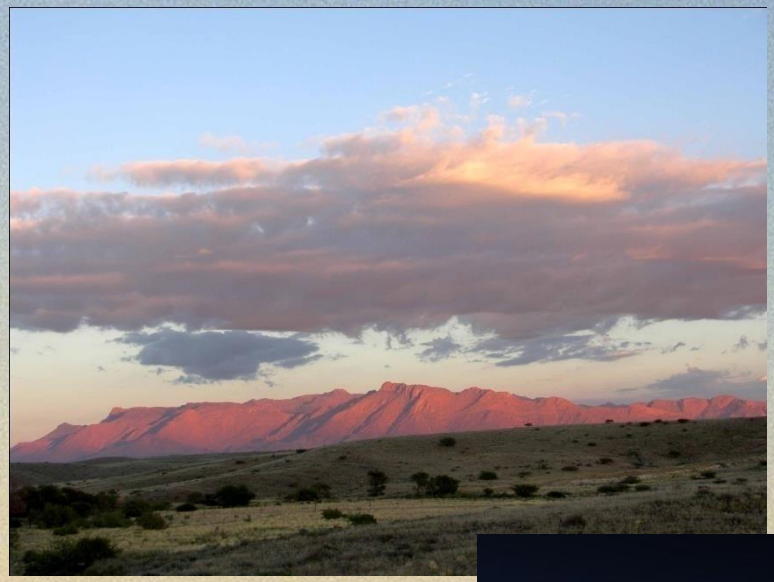
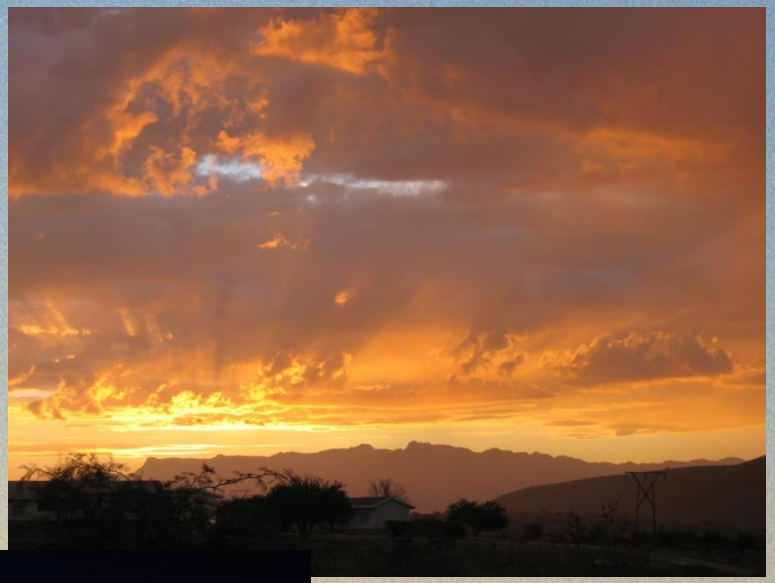
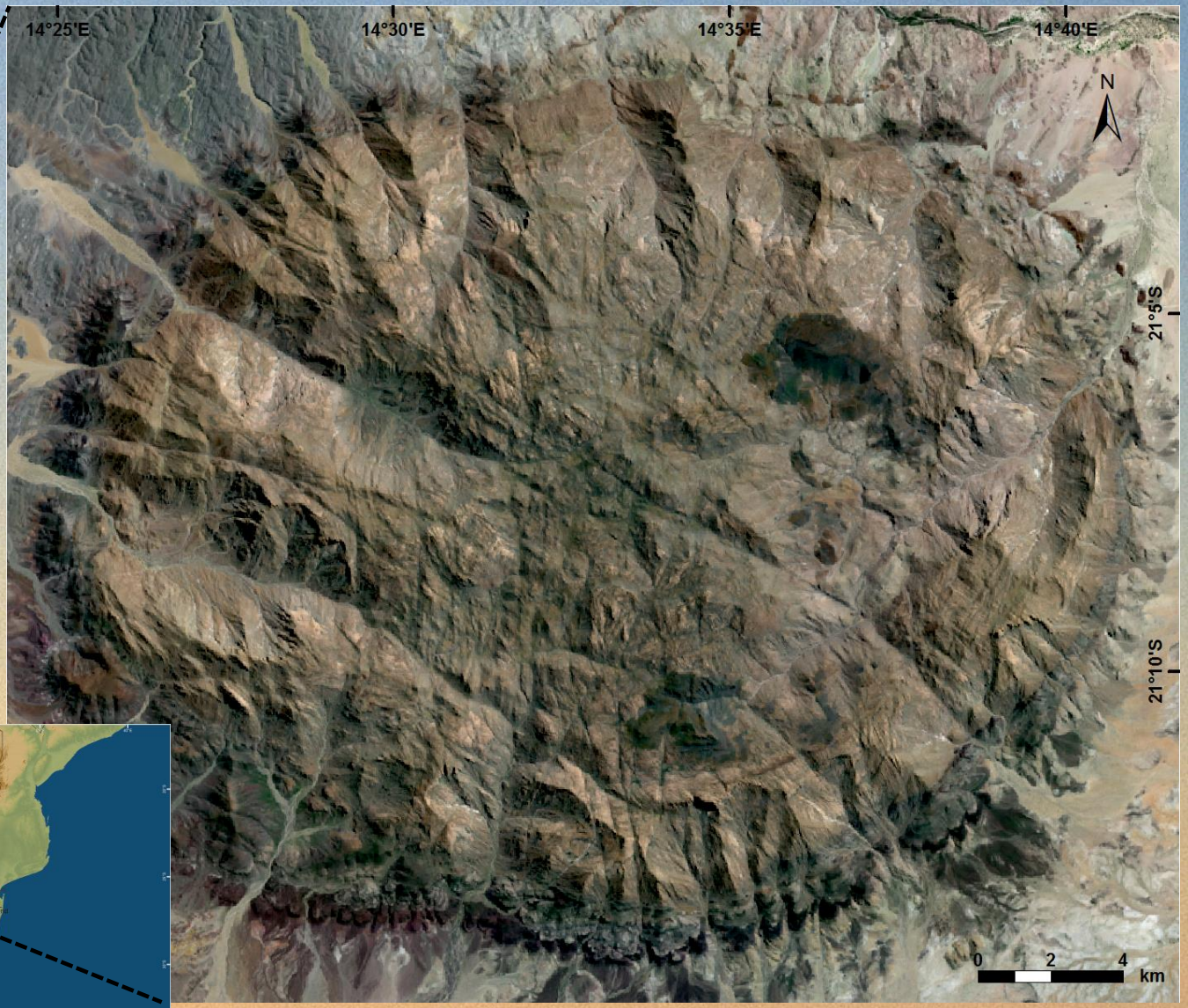
Dâureb "der Brennende" (Brandberg)



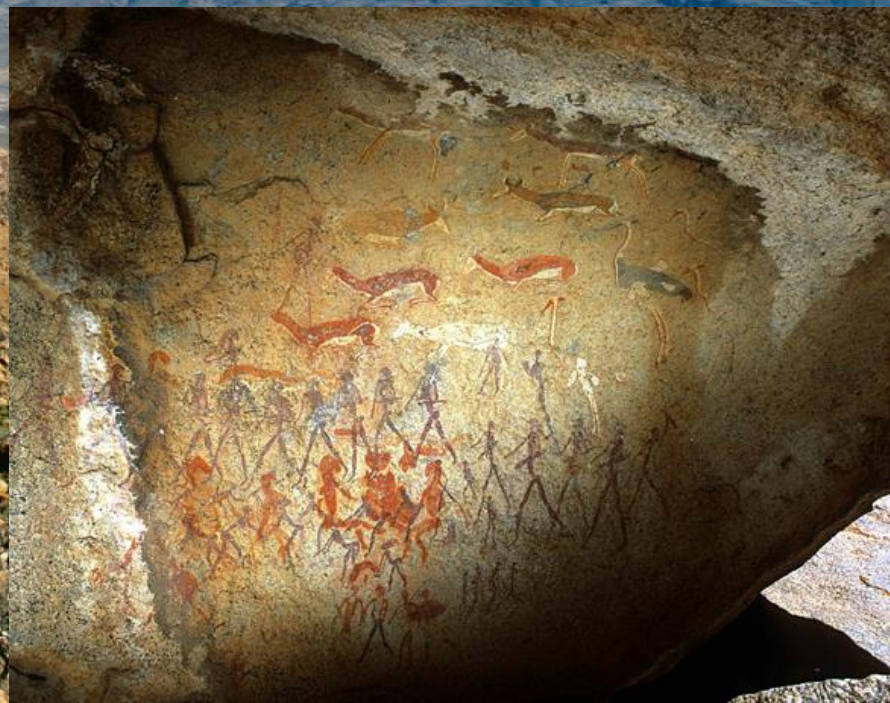


Lage am Rand der Namib-Wüste, höchster Gipfel bei 2573 m üNN



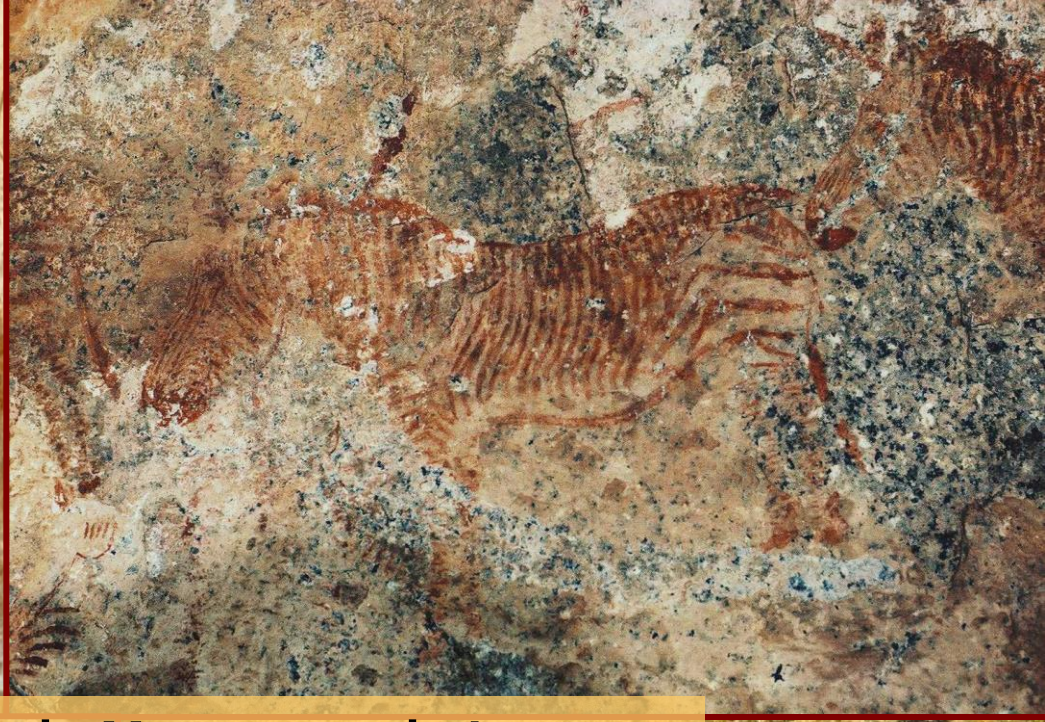
Teil 1
Der Berg, die Kunst und seine frühen Bewohner

Vor 4000-2000 Jahren eine vollständige Jäger-Sammler Lebenswelt, um die Zeitenwende verließen die Menschen die Region aus noch unbekannten Gründen.



Eine Landschaft, in der die einzige erkennbare Veränderung die Kunst ist; sie steht für:

- Wissens-Speicher
- 3D-Karte des kollektiven Gedächtnisses
- Bewahrung von Nutzungsmustern; Felsbilder sind genau an dem Ort, an dem die Maler sie haben wollten – diese Gewissheit haben wir bei anderen archäologischen Funden nicht.



Für uns wirkt es wie ein Museum – ein Lernort

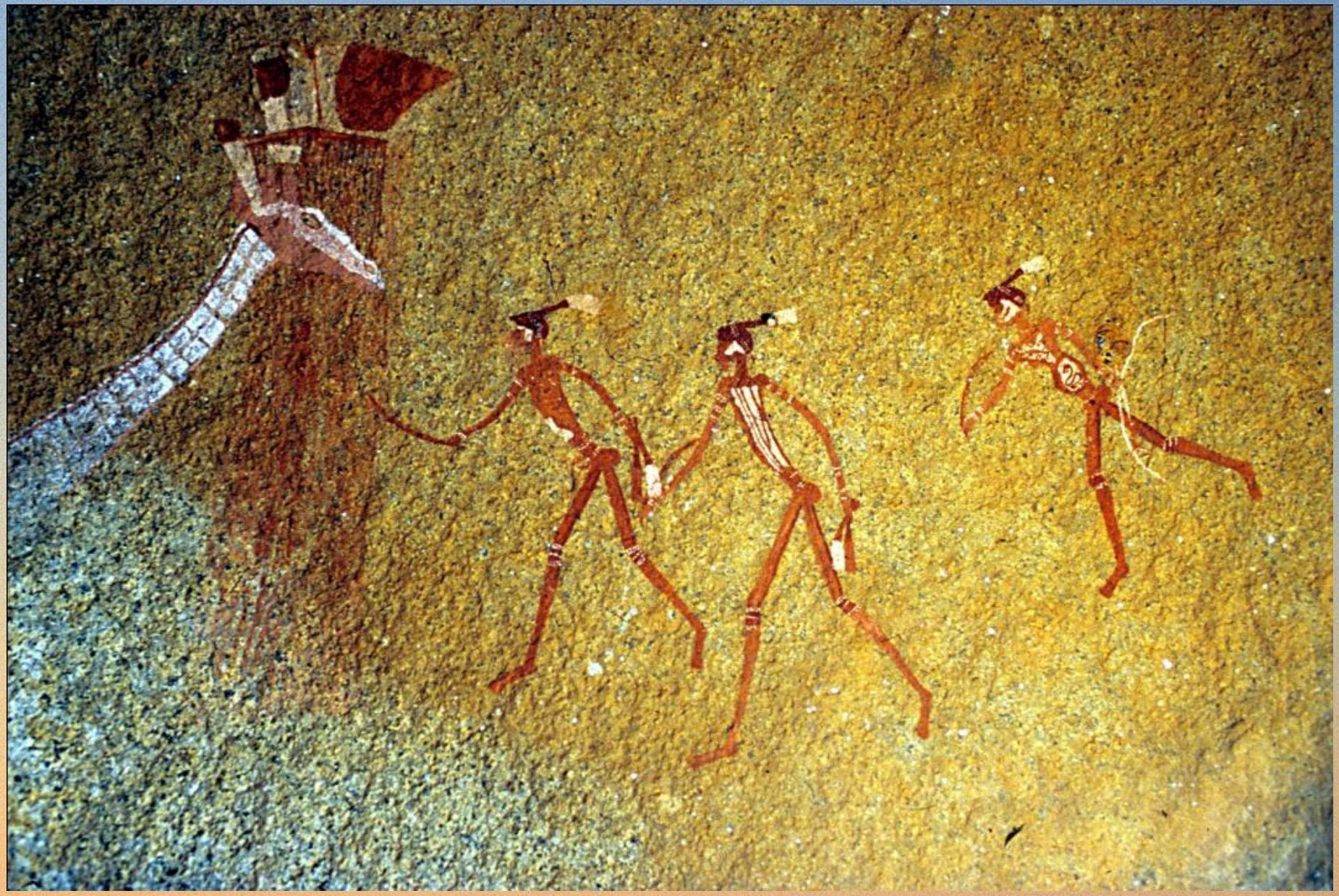
In der Vergangenheit war Felskunst wohl ein aktiver Diskurs über das Wesen des Seins: woher kommen wir? Wohin gehen wir?

Manchmal (oft?) ist Leben schlichtes Überleben –
zumindest in Jahren mit einer unergiebigen Regenzeit (langjähriger mittlerer Niederschlag: ca. 100 mm pro Jahr)

Regen als Motiv der Malerei findet sich seltener, als man aufgrund seiner Bedeutung für das Überleben erwarten würde.

Springböcke sammeln sich nur nach guten Regenfällen zu großen Herden. Das Bild einer solchen Herde (links in die Landschaft projiziert) mag als Metapher für ergiebigen Regen stehen.

Wo sind die Bilder von jenseits der realen Lebenswelt? Denn das Leben ist mehr als nur "Überleben".



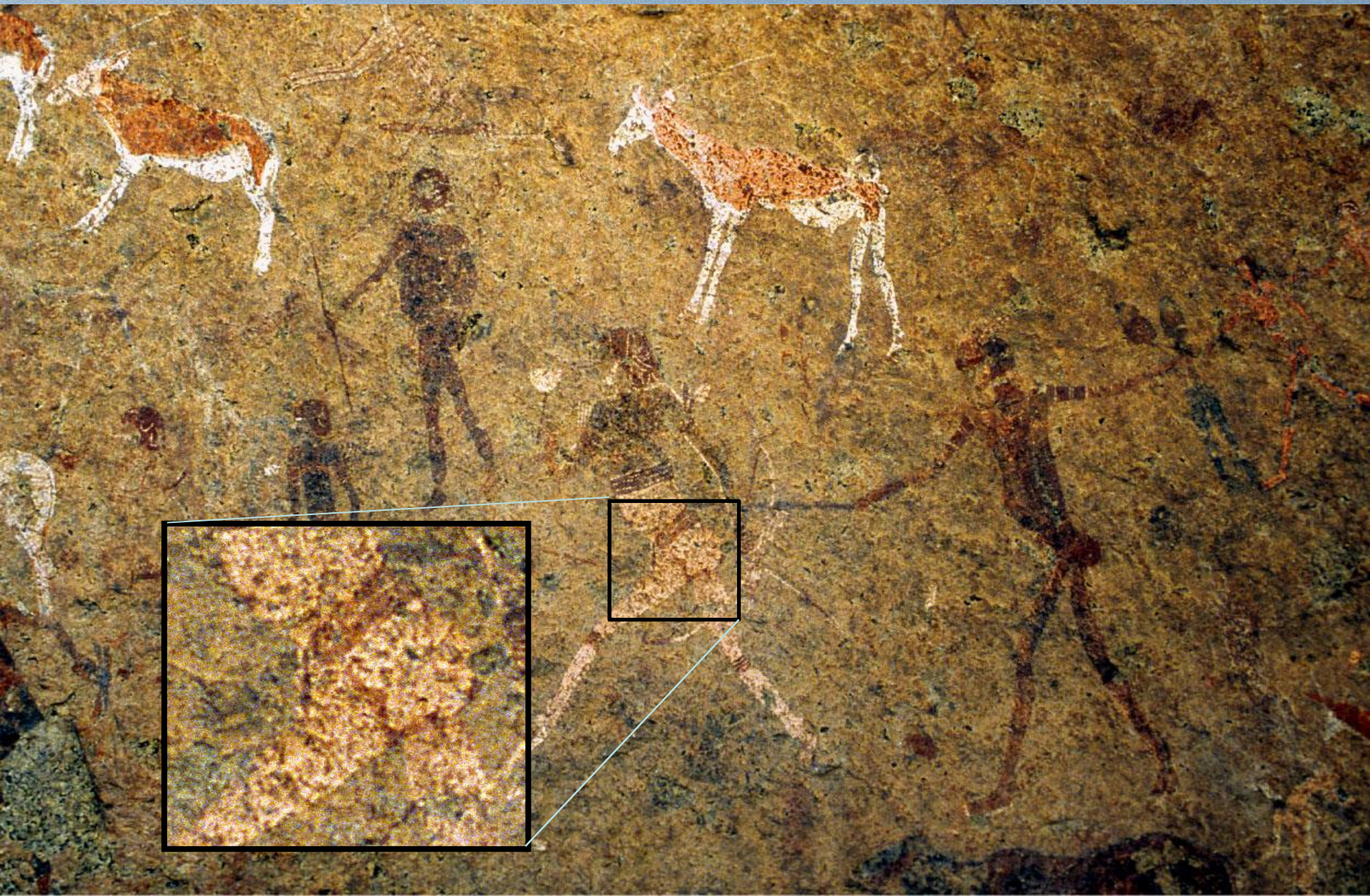
Ein Bild des Nicht-Alltäglichen: drei reich geschmückte Männer (Heiler? Schamanen?) wenden sich einer Giraffe zu, über der ein Regenschauer niederzugehen scheint.

Rituale, Tänze, zeremonielle Handlungen – derartige koordinierte Tätigkeiten (und damit auch nicht-alltägliche Kommunikationsformen) sind ein typisches Merkmal der Frauen in der Felskunst.

Teil 2
Der Berg, die Kunst und die Wissenschaft

Das "Weiße Dame"-Problem

Das berühmteste Felsbild des südlichen Afrika stellt entgegen der populären Bezeichnung einen Mann dar

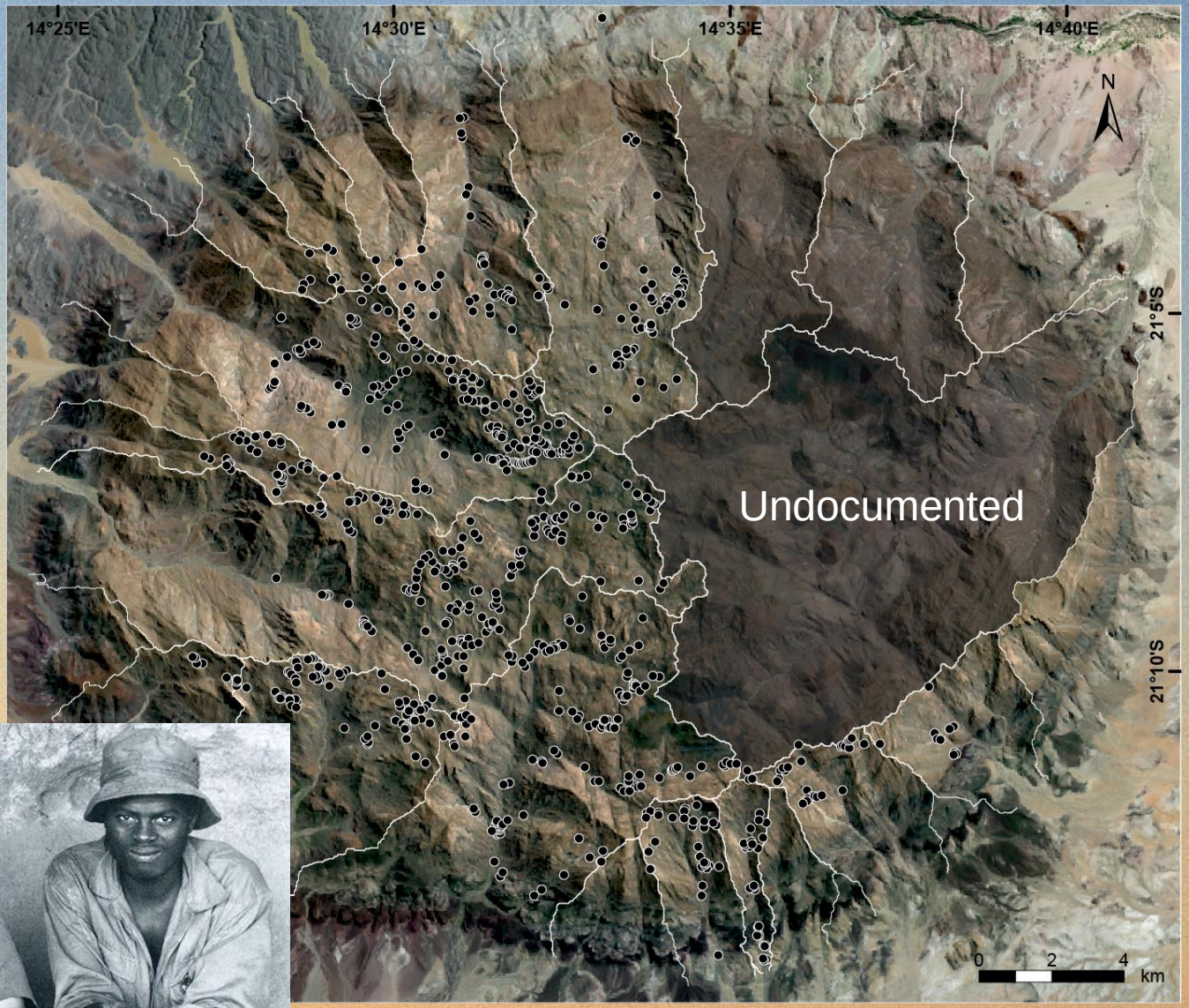


Circa **43,000** Einzelfiguren

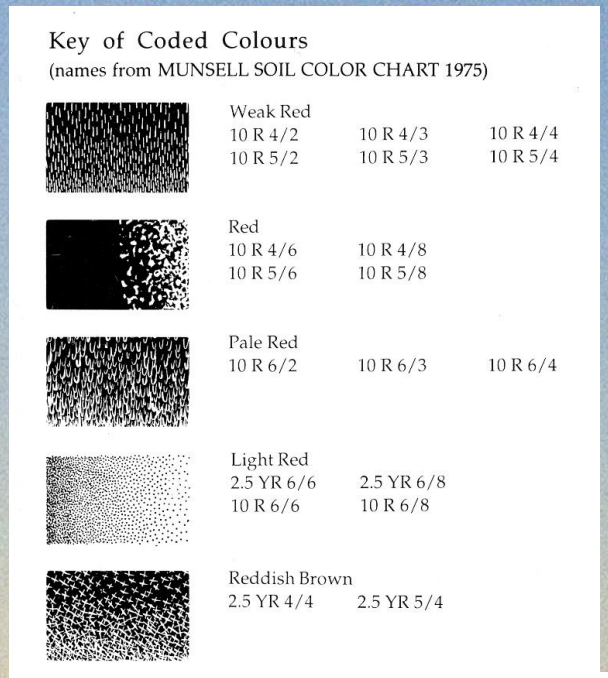
in

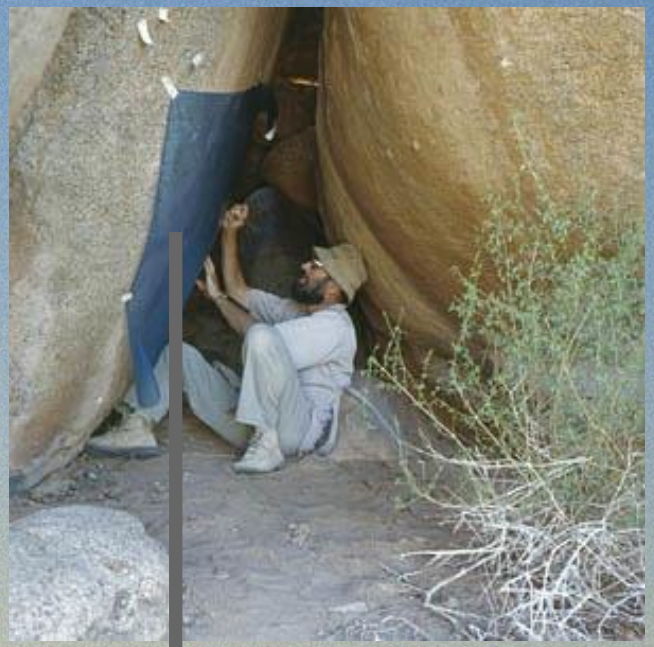
840 Fundstellen

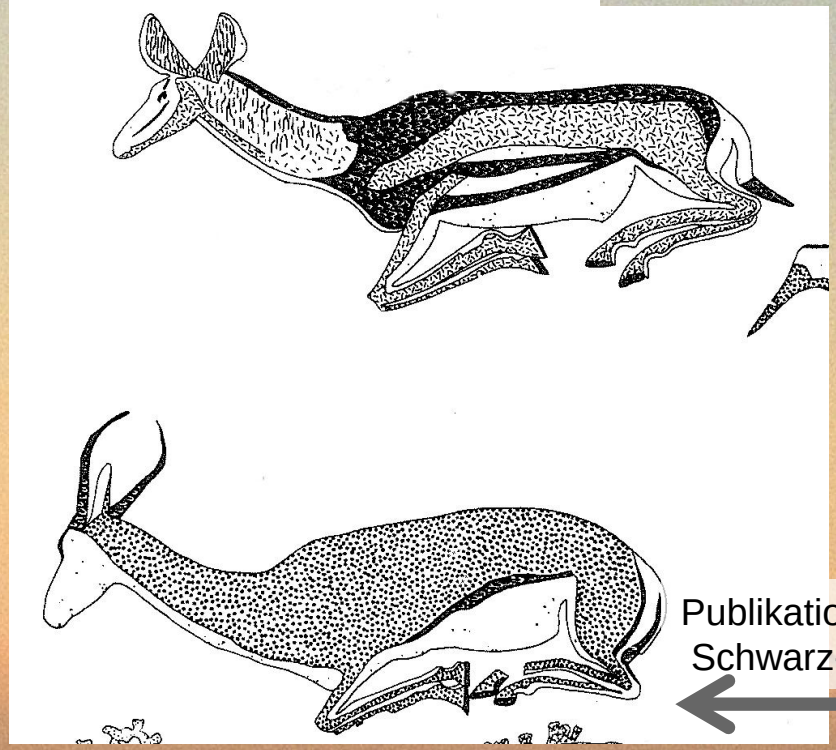
Dokumentiert von **Harald Pager** 1978 – 1985 mit Angula Shipahu Efraim Mateus et al.

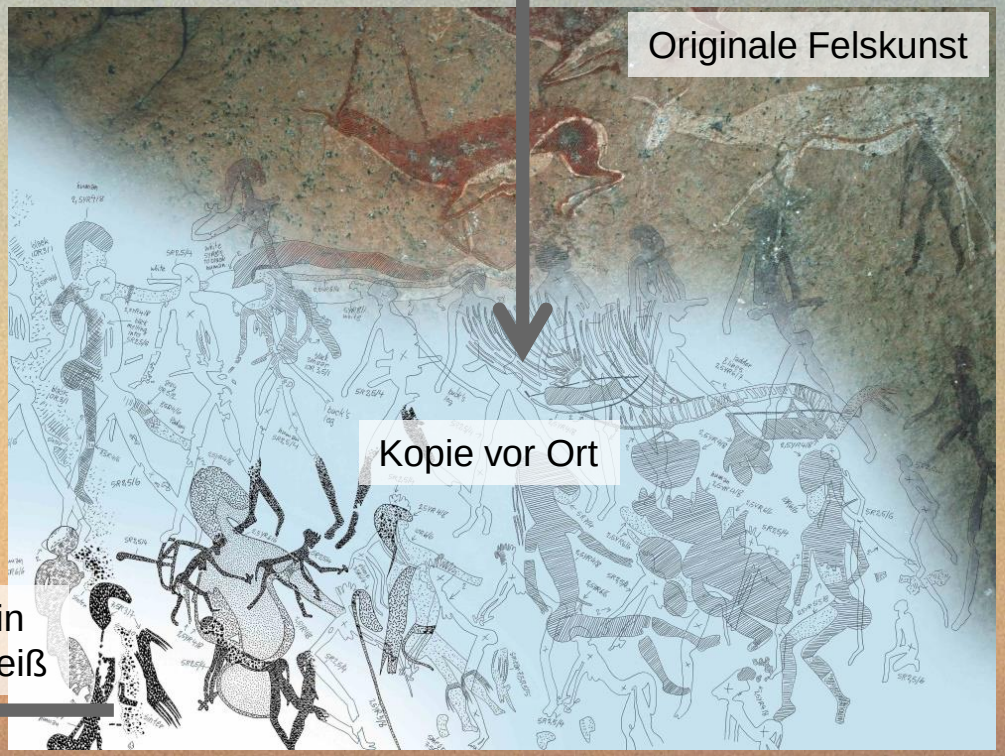


Dokumentation









Originale Felskunst

Kopie vor Ort

Publikation in Schwarz-weiß

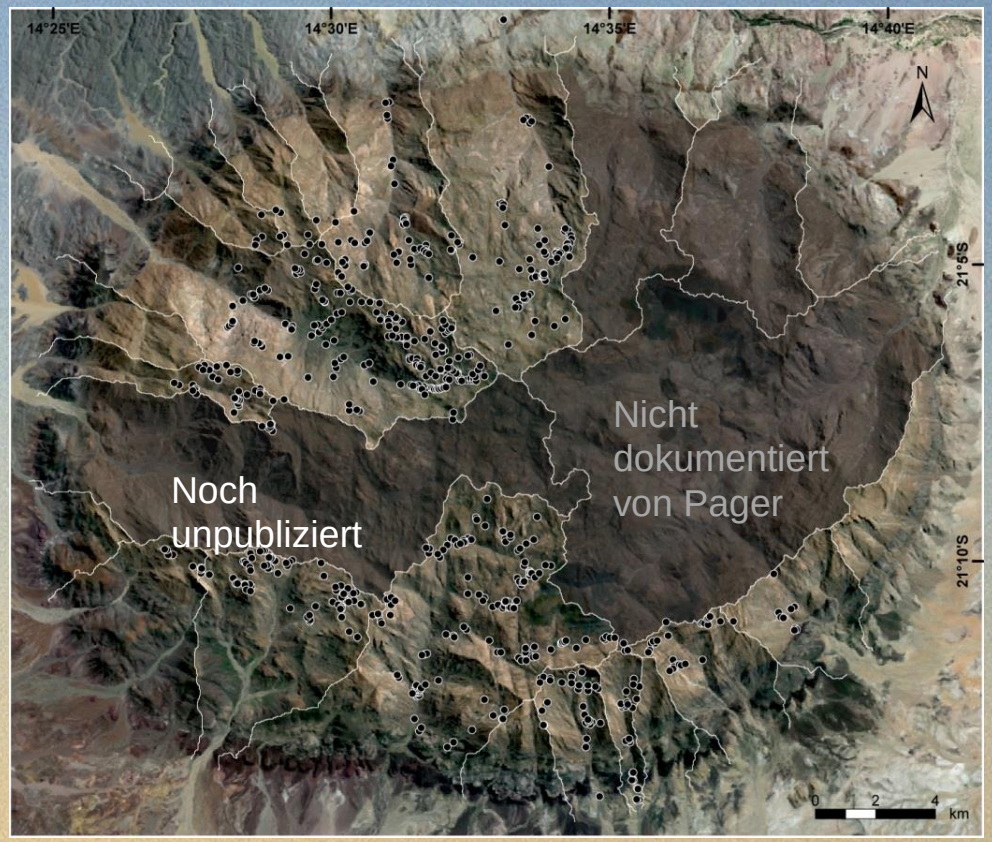
Publikation

Heute:
39,074 Einzelfiguren

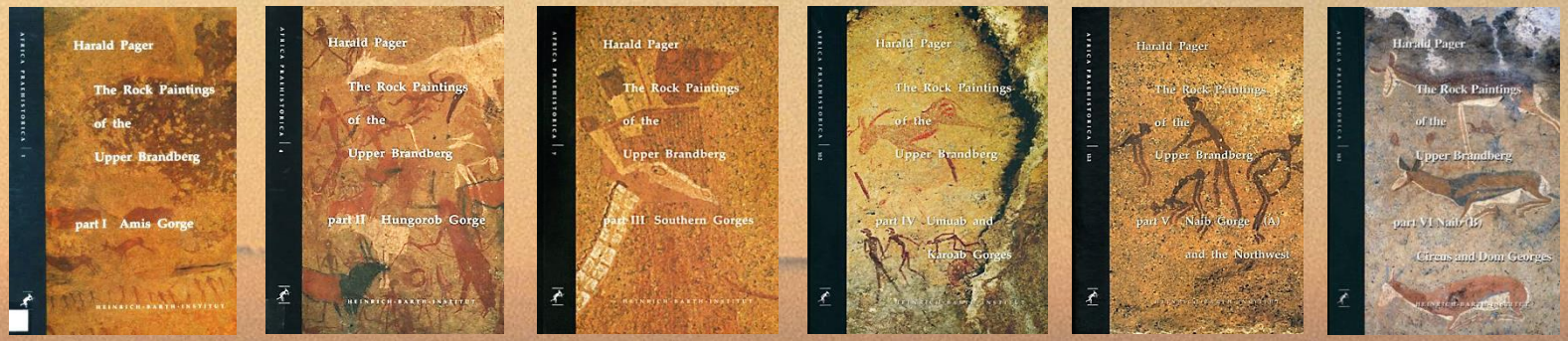
aus

653 Fundstellen

Publiziert in 6 Doppelbänden



Publizierte Katalogserie 1989-2006 (insges. 4038 Seiten)



Die Datenbank

Einzelfiguren (n=39,074)

Site	Fig	Plate	Fix	Ps	Subject	Type	Special features	Djb	Basic configuration		Additional action		Direct object	Goal	Rx	Pa	Remark
43	25	2	B	2	woman	2	kh.,pendants from shoulder,apron b.?		-	walk	-	h.u.hands	-	-	-	*	hand to hand
43	26	2	B	2	woman	2	ch.,h.dec.?,apron b.&f.		-	walk	-	hold out...	-	object	-		-
43	27	2	B	2	woman	2	ch.,h.dec.?,apr.b&f. pend. fr. head,arm,leg		-	walk	-	carry u.a., h.outarm	-	quiver with arrows?	-		figure damaged by scratches
43	28	2	B	0	remains	-	-		-	-	-	-	-	-	-		to human 027?
43	29	2	B	2	human	2	ph.,FA.		stand	-	-	h.outhand	-	-	-		-
43	30	2	B	0	remains	-	-		-	-	-	-	-	-	-		-
43	31	2	B	5	animal?	-	head		-	-	-	-	-	-	-		-
43	32	2	B	0	obscure	-	-		-	-	-	-	-	-	-		-
43	33	2	B	1	human	1	ph.,h.dec.t6&bead dec. wst,a&kdec,wh.l.legs		-	walk	-	h.outarm, carry i.h.	-	bow t5, 2 arrows t?	-		-
43	34	2	B	1	man	1	ph.,nose,mouth,h.dec.& beads,b.neckl.,w.shoes		-	run	-	h.outarm, carry i.h.	-	bow t5, 2 arrows	-		-
43	35	2	B	2	man?	1	ph.,h.dec.t6, white shoes?		-	walk	-	carry u.a.	-	quiver	-		-
43	36	2	B	4	human	-	mask?		-	-	-	hold out...,hold up...	-	object, bow t3	-		s.o. human 037, 038
43	37	2	B	3	human XS	2	apron b.		-	walk	-	hold out...	-	object	-		-
43	38	2	B	2	human XS	2	ph.,apron b.		-	run	-	hold out...	-	stick	-		-
43	39	2	B	0	smears	-	-		-	-	-	-	-	-	-		-
43	40	2	B	4	legs	1	belt?, knee dec., white lower legs		-	walk	-	-	-	-	-		legs of human 036
43	41	2	B	3	human	6	ch., wst.		sit	-	-	h.outhand	-	-	-		-
43	42	2	B	0	obscure	-	-		-	-	-	-	-	-	-		-
43	43	2	B	0	remains	-	-		-	-	-	-	-	-	-		-
43	44	2	B	2	woman	2	kh.,apron b.	*	-	walk	-	carry u.a.,h.u.hand	-	bag t6?	-	*	hand at face
43	45	2	B	2	woman XS	2	kh.,apron b.	*	-	walk	-	carry u.a.,h.outhands	-	bag t6?	-	*	hands at face
43	46	2	B	2	woman XS	2	kh.,apron b.	*	-	walk	-	carry o.b., h.u.hand,h.outarm	-	object?	-	*	hands at face
43	47	2	B	5	human	-	oh.,fingers,apron b.		-	-	-	h.outarms	-	-	-		-
43	48	2	B	3	antelope	s	-		-	jump?	-	-	-	-	-		s.b. hum. 049-052
43	49	2	B	2	woman	4	oh.?,h.dec.t1,FA.		stand	-	-	h.outhand, carry i.h.	-	stick	-	*	hand at waist?
43	50	2	B	2	woman	4	ch.,FA., pendants from chest?		stand	-	-	carry o.a., h.outhand	-	bag	-	*	hand at chest
43	51	2	B	2	woman	4	kh.,h.dec.t1,apron b.		stand	-	-	hold out...?,h.u.hand	-	stick	-	*	hand at chest
43	52	2	B	2	woman	4	ch.,fingers,apron f. pendant fr. upper leg?		stand	-	-	h.u.hand, h.u.arm	-	-	-		-
43	53	2	B	5	buck?	-	white		-	-	-	-	-	-	-		head only
43	54	2	B	2	oryx	s?	-		-	walk	-	-	-	-	-		s.b. antelope 048
43	55	2	B	2	human	2	oh.,FA.		stand	-	-	-	-	-	-		no arms
43	56	2	B	2	human	2	oh.		stand	-	-	-	-	-	-		-
43	57	2	B	2	human	2	oh.,FA.		stand	-	-	h.outhands	-	-	-	*	hands at chest
43	58	2	B	2	man	2	oh.		stand	-	-	h.outhands	-	-	-	*	hands at chest
43	59	2	B	2	man?	2	oh.,elongated arms		stand	-	-	h.outarms	-	-	-		-
43	60	2	B	3	animal	7	-		-	walk	-	-	-	-	-		-
43	61	2	B	2	human	4	kh.		-	run?	-	h.u.hand, carry u.a.	-	bag t2?	-		-
43	62	2	B	2	human	4	kh.,apron b.,karosst3		stand	-	bent legs	h.outhands	-	-	-	*	hand at face
43	63	2	B	0	remains	-	-		-	-	-	-	-	-	-		-
43	64	2	B	3	therianthrope	-	animal neck, head & ear		-	crawl	fly, pos.?	-	-	-	-		-
43	65	2	B	3	human	2	-		-	walk	-	-	-	-	-		no head, no arms
43	66	2	B	0	obscure	-	-		-	-	-	-	-	-	-		remains of human?
43	67	2	B	2	man	1	oh.		stand	-	bent over	h.outarms	-	-	-		-
43	68	2	B	2	human	2	ch.,FA., wst.		stand	-	-	carry i.h.	-	instrument?	-		-
43	69	2	B	2	man	2	oh., wst.		-	walk	-	-	-	-	-		-
43	70	2	B	2	human	2	oh.,FA.		stand	-	-	carry i.h.	-	stick	-		-
43	71	2	B	2	human	2	ch.,h.dec.t5,pend. from back & arm		-	walk	-	h.outarm	-	-	-		-
43	72	2	B	2	human	1	ch.		-	run	-	hold up...	-	object	-		-

Szenen (n= 4842 mit 17,433 Partizipanten

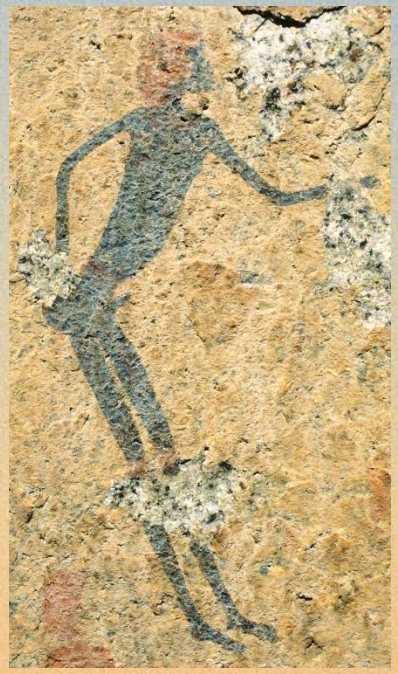
Site	Plate	Fix	Figures	Type	Subject	Focus	Setting	Remark
H33	2	C	15,16	2	buck	CDG le.	-	-
H33	2	C	18-21	4	humans	CDM le.	gestures	-
H34	2	A	7,8	2	humans	CDM le.	objects carried	-
H34	3	D	18-20	3	humans	CDM le.	objects; gestures	-
H34	4	E	22,25	2	giraffes	CDG le.	-	head and backlines only
H35	1	B	6-9	4	humans	GI?	gestures; CDM ri.	-
H35	2	D	18-23,26-34	15	humans	GSA; CDM meeting point	objects held out; two giraffes	-
H35	2	D	45,46	2	humans	CI	superimposed buck	-
H35	3	E	56,58,59	3	humans	CI	superimposed obscure	-
H35	3	G	66,67	2	buck	DC; CDG le.	-	067 poorly preserved
H35	3	G	68-70	3	humans	CDM le.	gestures	070 poorly preserved
H36	1	A	2-4	3	humans	CDM le.	gestures?	poor preservation
H36	1	A	9-12	8	humans	CDM le.	objects carried	poor preservation
H36	2	A	13-15	3	humans	CDM ri.	gestures	poor preservation
H36	3	A	27-32	6	humans	CDM le.	objects carried; gestures	-
H36	3	A	34-39	6	buck	CDM le.	superimposed antelopes	-
H36	3	A	47-51	5	humans	CDM le.	objects carried; different styles & colours	-
H37	2	A	1,2	2	humans	CDM ri.	objects carried	02 attending to animal 03?
H37	2	A	4-10,13-19	14	humans, objects	BF	objects; gestures; superimpositions	intentional superimpositions at 014,015
H37	2	A	30-32,34	4	humans	CDM le.	superimpositions	-
H37	3	A	45-47	3	humans	-	-	poor preservation
H40	1	A	4,5	2	humans	CDG ri.	gesture	further figures possibly faded
H40	1	A	6-8	3	humans	CDM ri.	gesture	poor preservation
H40	1	A	14,16-20	6	humans	CDG ri.	two subgroups; gestures; 018 oriented left	coherence 014/018=25
H40	2	A	24-28	5	humans	CDM le.	objects carried; gestures	-
H40	2	A	33-35	3	humans	CDG ri.	-	poor preservation
H42	1	C	10,12	2	humans	BF	-	-
H42	1	C	14,15	2	humans	CDG ri.	objects held up	poor preservation
H43	3	A	4-6	3	buck	BF	human (02?	poor preservation
H43	1	A	7,8	2	humans	CDM le.	gestures	-
H43	1	A	16,21	2	kudus	CDG le.	superimposed elephant et.al.	-
H43	1	A	17,18	2	humans	-	-	s.b. kudu 016
H43	2	B	25-27,29,49-52	8	humans	BF	reflexive gestures; two subgroups	coherence 027/051=22 ★
H43	2	B	33-36	4	humans	EP (all 4); CDM le.	objects carried; different sizes	superimposed 037,038
H43	2	B	37,38	2	humans	CDM ri.	s.b. 036	-
H43	2	B	44-46	3	women	CDM ri.	reflexive gestures	-
H43	2	B	55-59	5	humans	CDG meeting point	two subgroups	-
H43	2	B	61,62	2	humans	CDG le.	gestures; different actions	-
H43	2/3	B	65,67-71,73,74,86,87	10	humans	MF	different postures; objects	s.b. giraffe, elephant, geometric
H43	2	B	94,98	2	zebras	BF	vertical order	-
H43	2	B	97,101,104	3	humans	CDM le.	gestures	s.b. zebras etc.
H43	2	B	102,105	2	men	EP 0102	bows ready to shoot	-
H43	2	B	116-121	6	humans	GI 0117?	BF	-
H43	2	B	125,126	2	humans	-	-	poor preservation
H43	2	B	132-137	6	humans	CDM le.	disjointed body parts	almost completely superimposed by other figures
H43	2	B	148,149	2	eland	CDG ri.	20 cm apart	0157 connected to human 0147?
H43	2	B	180-182	3	humans	CDG ri.	fully superimposed by antelope 0179	-
H43	2	B	185-187	3	humans	CDM le.	black, crude painting	-
H43	2	B	205,206	2	humans	CDG ri.	multiple superimpositions	-
H43	2	B	207,208	2	buck	CI	superimposed large antelope	-
H43	2	B	228,231	2	humans	CDG le.	congruently superimposed by 0229,0230	-
H43	2	B	229,230	2	humans	CDG le.	congruently superimposed over humans 0228,0231	coordinated action?
H43	2	B	246,264	2	eland	CDG ri.	0246 superimposed zebra	-

African Archaeology Archive Cologne

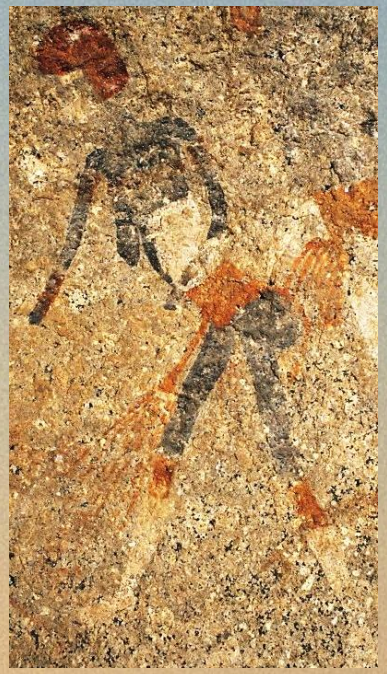
http://www.ianus.fdz.de

Datenmodell für Einzelfiguren

Analogie: Linguistische Proposition



Actor	Action	Object / Goal
6 attributes	6 attributes	2 attributes
species, sex	basic configuration (rest or move)	handling of objects
special features	body postures	application of tools
attributes	arms action	
individualization of figure (sex, status, role)	gestural communication	physical 'communication'
symbolic social sphere	**communicative social sphere**	**interactive social sphere**

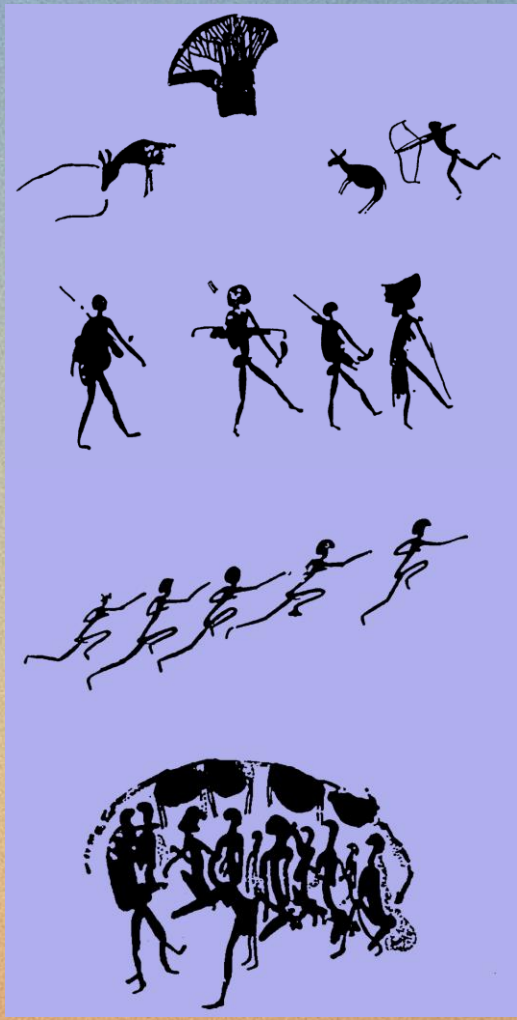


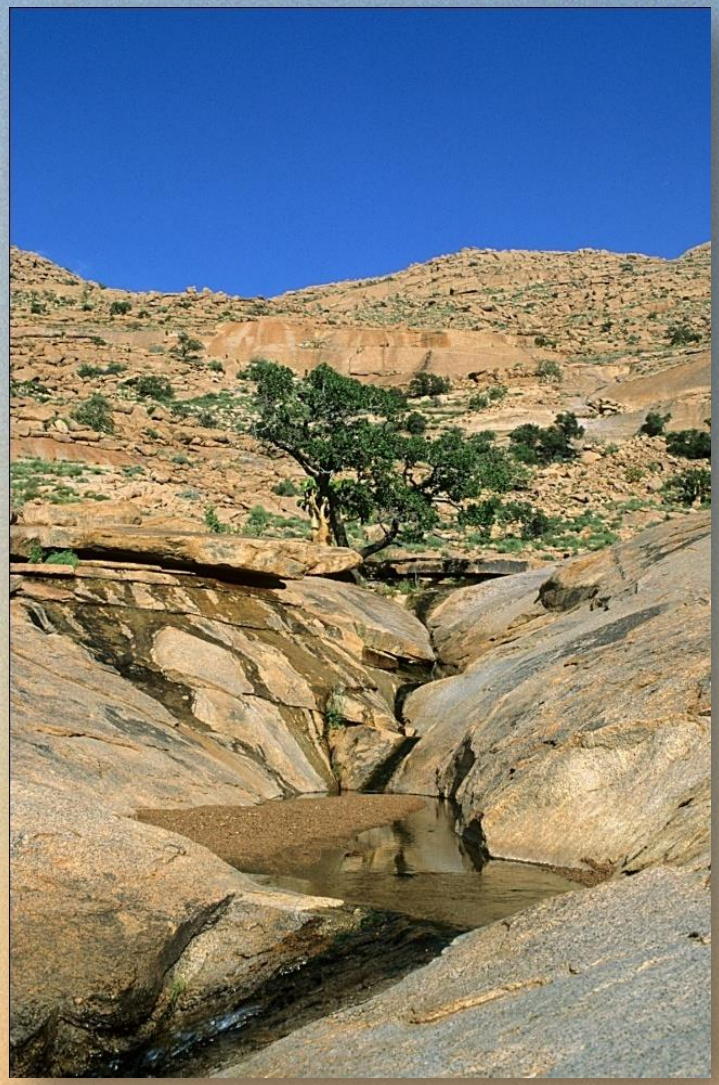
Analyse der Raumnutzung
Perspektive: Lebenswelt = geteilte Erfahrungen

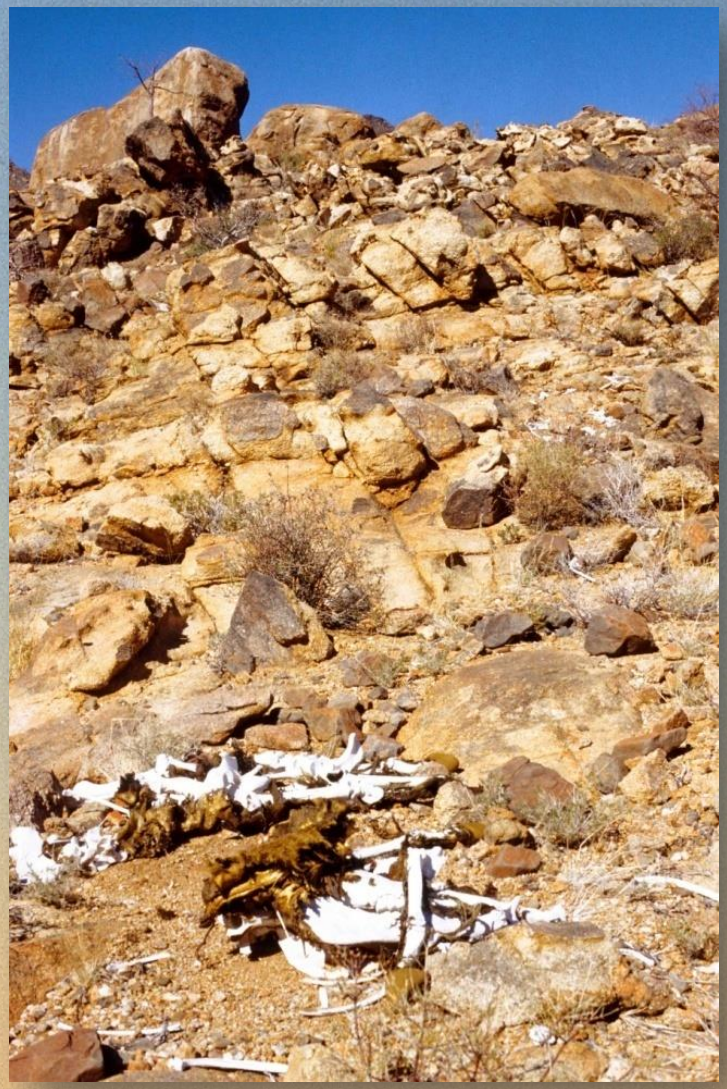
	Large area	**Medium-sized area**	**Smallest area**
K. Butzer	Macro-environment	Meso-environment	Micro-environment
(1982: 38)	Regional environment Provides particular biome or ecotone	Topographic setting and landforms of area utilized directly for subsistence	Local environment that influenced site selection and use
M. Adler	Region	Local community	Intrasite
(after Hyder 2004: 87)	Social integration and ideology, intercultural conflict and co-operation	Social identity and defence; a contiguous geographic area	Social and economic relationships and system
T. Lenssen-Erz	Seasonal life-world	Daytime life-world	Night-time life-world (site)
	space to move freely for fully active adults; mobility across in days	Max. space to move freely for children, old and weak people; mobility across in hours	Max. space to move freely for toddlers; mobility across in minutes

Kognitive Karte
der Brandberg-Bewohner 3000 BP

- Befriedigung der Grundbedürfnisse
- Kleine Gruppen, hohe Mobilität
- Ständige Bereitschaft/Bedarf an "besonderen" (rituellen) Handlungen
- Felskunst als öffentliches Phänomen







Landschaft mit zwei Gesichtern:
Nach guter und nach schlechter Regenzeit

Interpretation der kognitiven Karte

Landschaft

- der Brandberg als Ressource
- vorteilhaftes Ökosystem - aber krisenanfällig

Mentale Verfassung

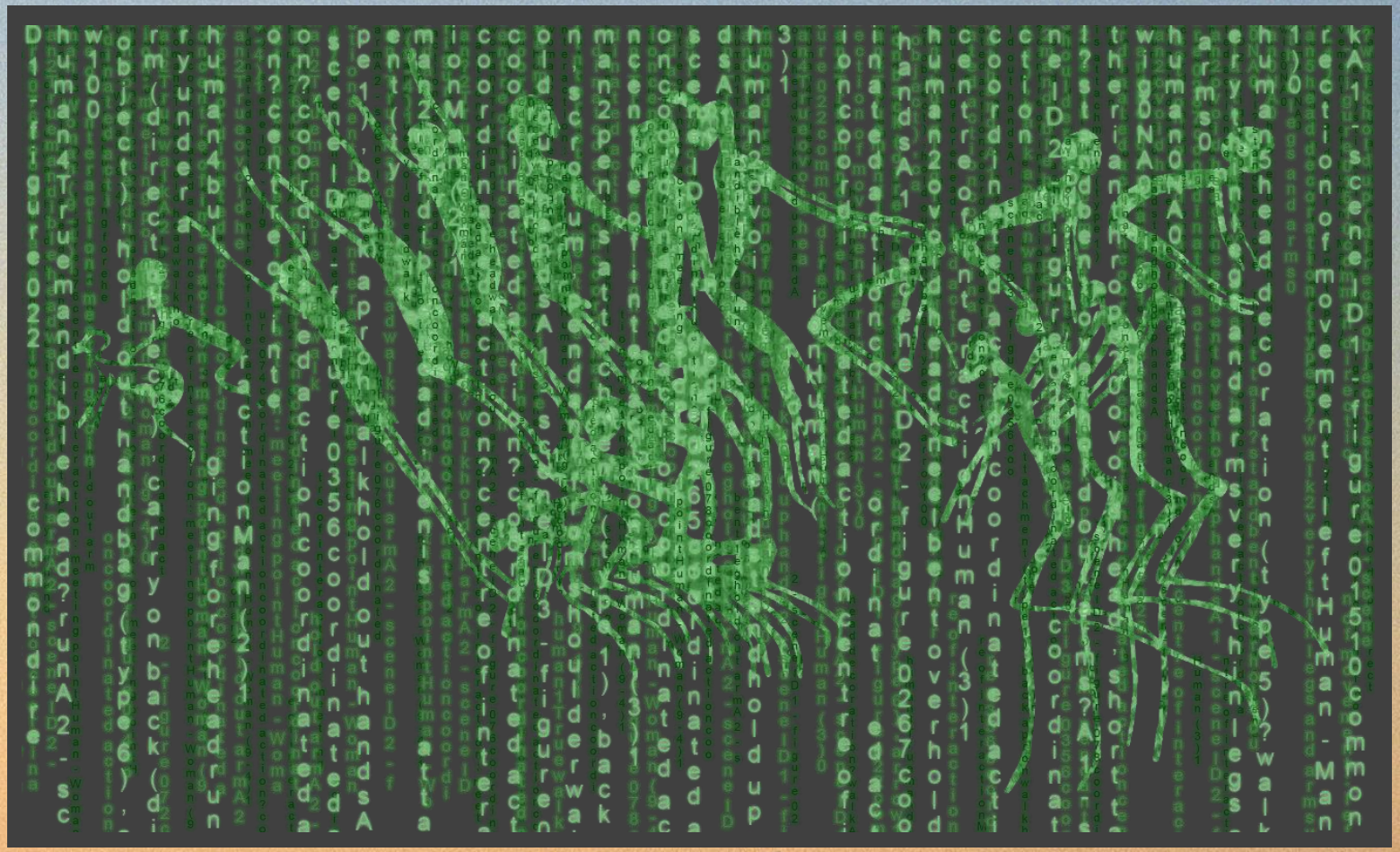
- kritisch
- Gruppensolidarität labil
- Konflikte um Ressourcenzugang möglich

Strategien gegen die Krise

- Beschränkung der Gruppengröße
- hohe Mobilität
- vermehrte rituelle Tätigkeit ('Heilung')
- Gemeinschafts-Aktivitäten
- liturgische Wiederholung der zentralen Werte: →

Gemeinschaft – Gleichheit – Mobilität

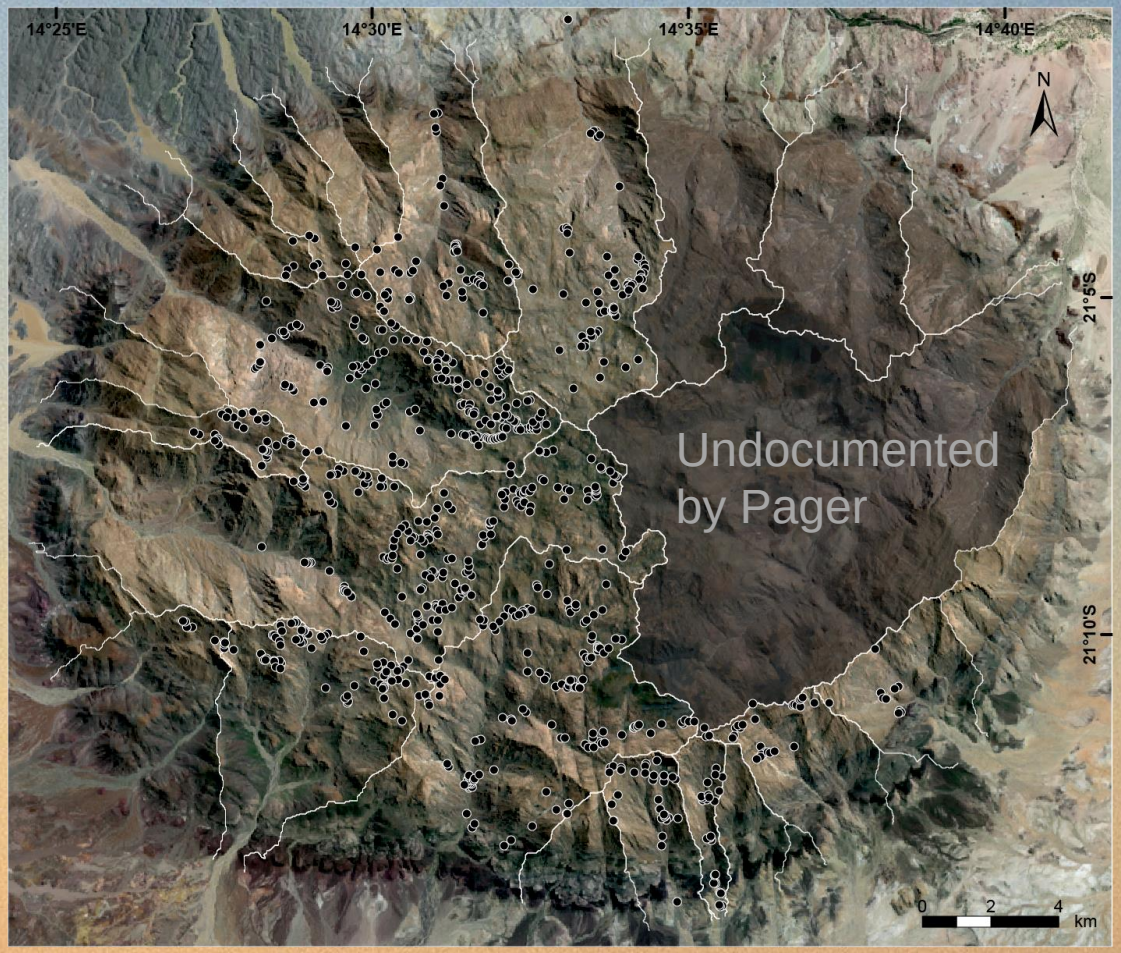
Teil 3
Felsbildarchäologie im digitalen Zeitalter



Aufnahme der Fundplatzdaten

840 dokumentierte Felsbildstellen = sites

14 Attribute des Fundplatzes und seiner Umgebung

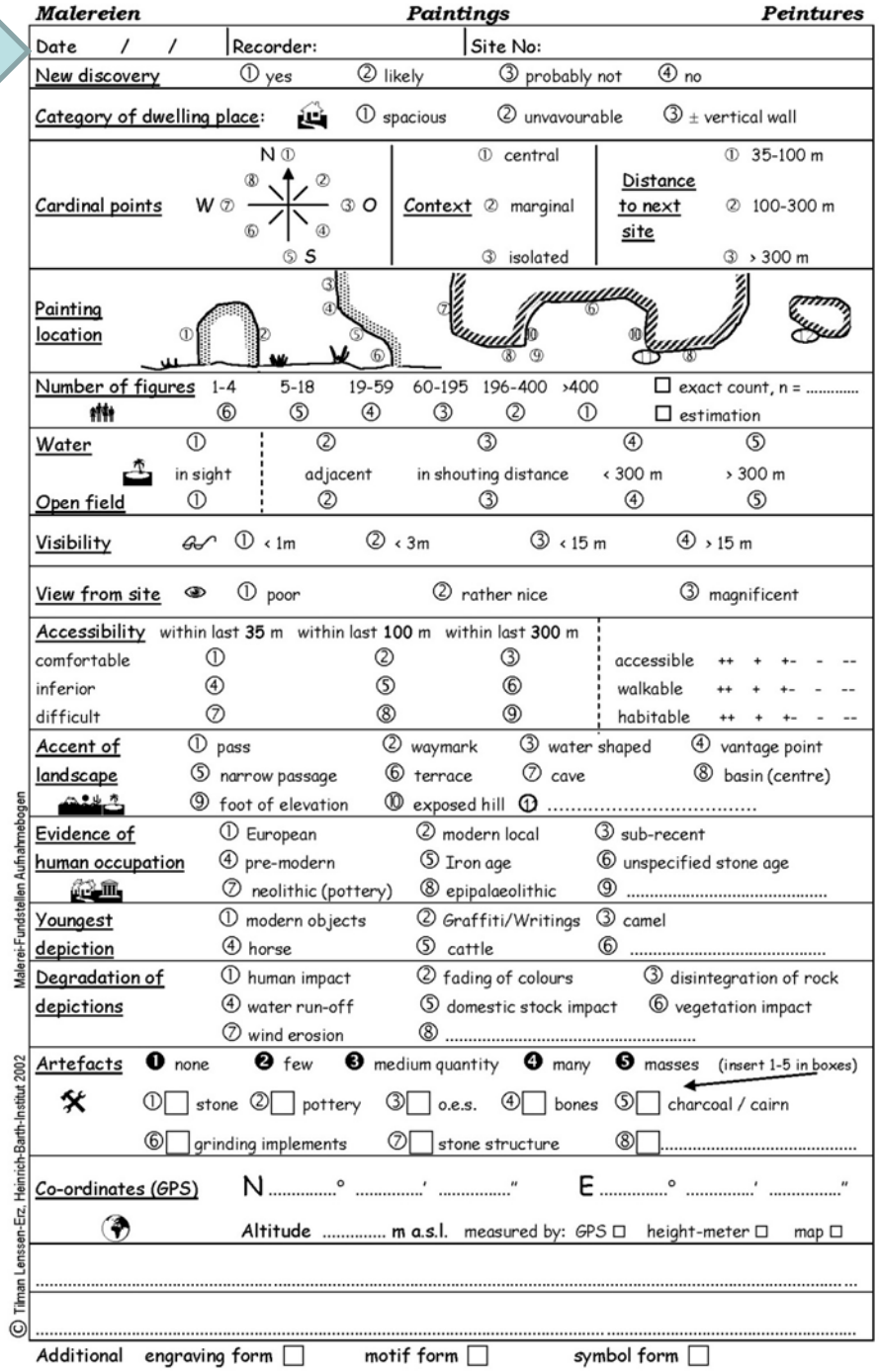


Aufnahme der Fundplatzdaten

Attribute des Fundplatzes :

- Anzahl der Einzelfiguren
- Anzahl der Figur-Kategorien
- Art des Siedlungsplatzes
- Bewohnbarkeit
- Topografischer Kontext
- Räumliche Orientierung
- Entfernung zum nächsten Fundplatz
- Zugänglichkeit
- Kategorien der Präsentation
- Entfernung zu Wasservorkommen
- Verfügbarkeit offener Flächen
- Sichtbarkeit
- Ansicht über die Umgebung
- Menge/Art archäologischer Artefakte

Präsentation der Felsbilder -
Ebenfalls ein Merkmal des Raumes
in einem idealisierten Fundplatz



Malereien — **Paintings** — **Peintures**

Date / / | Recorder: | Site No:

New discovery: ① yes ② likely ③ probably not ④ no

Category of dwelling place: ① spacious ② unvavourable ③ ± vertical wall

Cardinal points: N ①, ② NO, ③ O, ④ SO, ⑤ S, ⑥ SW, ⑦ W, ⑧ NW

Context: ① central ② marginal ③ isolated

Distance to next site: ① 35-100 m ② 100-300 m ③ > 300 m

Painting location

Number of figures: 1-4 ⑥ | 5-18 ⑤ | 19-59 ④ | 60-195 ③ | 196-400 ② | >400 ① | ☐ exact count, n = ... ☐ estimation

Water: ① in sight | ② adjacent | ③ in shouting distance | ④ < 300 m | ⑤ > 300 m

Open field: ① | ② | ③ | ④ | ⑤

Visibility: ① < 1m ② < 3m ③ < 15 m ④ > 15 m

View from site: ① poor ② rather nice ③ magnificent

Accessibility

	within last 35 m	within last 100 m	within last 300 m						
comfortable	①	②	③	accessible	++	+	+-	-	--
inferior	④	⑤	⑥	walkable	++	+	+-	-	--
difficult	⑦	⑧	⑨	habitable	++	+	+-	-	--

Accent of landscape: ① pass ② waymark ③ water shaped ④ vantage point ⑤ narrow passage ⑥ terrace ⑦ cave ⑧ basin (centre) ⑨ foot of elevation ⑩ exposed hill ⓫ .....

Evidence of human occupation: ① European ② modern local ③ sub-recent ④ pre-modern ⑤ Iron age ⑥ unspecified stone age ⑦ neolithic (pottery) ⑧ epipalaeolithic ⑨ .....

Youngest depiction: ① modern objects ② Graffiti/Writings ③ camel ④ horse ⑤ cattle ⑥ .....

Degradation of depictions: ① human impact ② fading of colours ③ disintegration of rock ④ water run-off ⑤ domestic stock impact ⑥ vegetation impact ⑦ wind erosion ⑧ .....

Artefacts: ❶ none ❷ few ❸ medium quantity ❹ many ❺ masses (insert 1-5 in boxes)

①☐ stone ②☐ pottery ③☐ o.e.s. ④☐ bones ⑤☐ charcoal / cairn ⑥☐ grinding implements ⑦☐ stone structure ⑧☐.....

Co-ordinates (GPS): N .....° .....' .....'' E .....° .....' .....''

Altitude ..... m a.s.l. measured by: GPS ☐ height-meter ☐ map ☐

.....

.....

Additional engraving form ☐ motif form ☐ symbol form ☐

Malerei-Fundstellen Aufnahmebogen

© Tilman Lenssen-Erz, Heinrich-Barth-Institut 2002

Archivierung der Daten – Open Access

DOI: 10.13149/r5f.3fyhip-x

http://www.ianus.fdz.de

Version 0.2

Brandberg-Daureb Datenbank

Dezember 2017

Startseite | Über das Datenportal

Projektübersicht | Metadaten | Daten

Verzeichnisstruktur

- Brandberg-Daureb-Database (3 Ordner | 21 Dateien)
  - Entries-and-Vocabulary (0 Ordner | 5 Dateien)
  - Maps (0 Ordner | 4 Dateien)
  - Tables (0 Ordner | 6 Dateien)

Daten

zip	2017-00012_Brandberg-Daureb-Database.zip	73,7 MB Download
accdb	Brandberg_Daureb_Database_on_Rock_Art.accdb	28,8 MB Download
pdf	Brandberg_Daureb_Database_on_Rock_Art.pdf	3,2 MB Download

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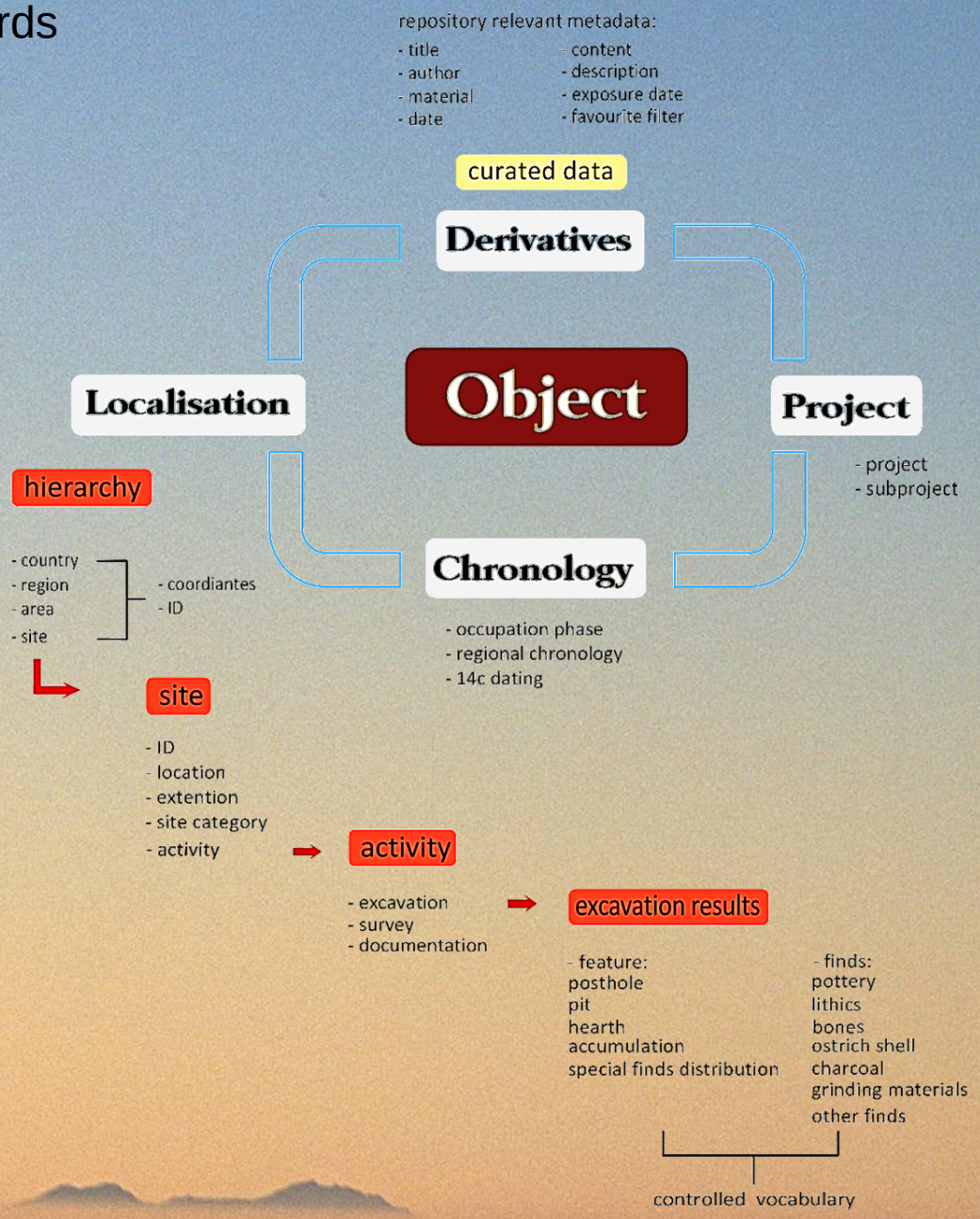
Identifikation & Zitation

Datenschutz

Darstellung der Daten – Standards

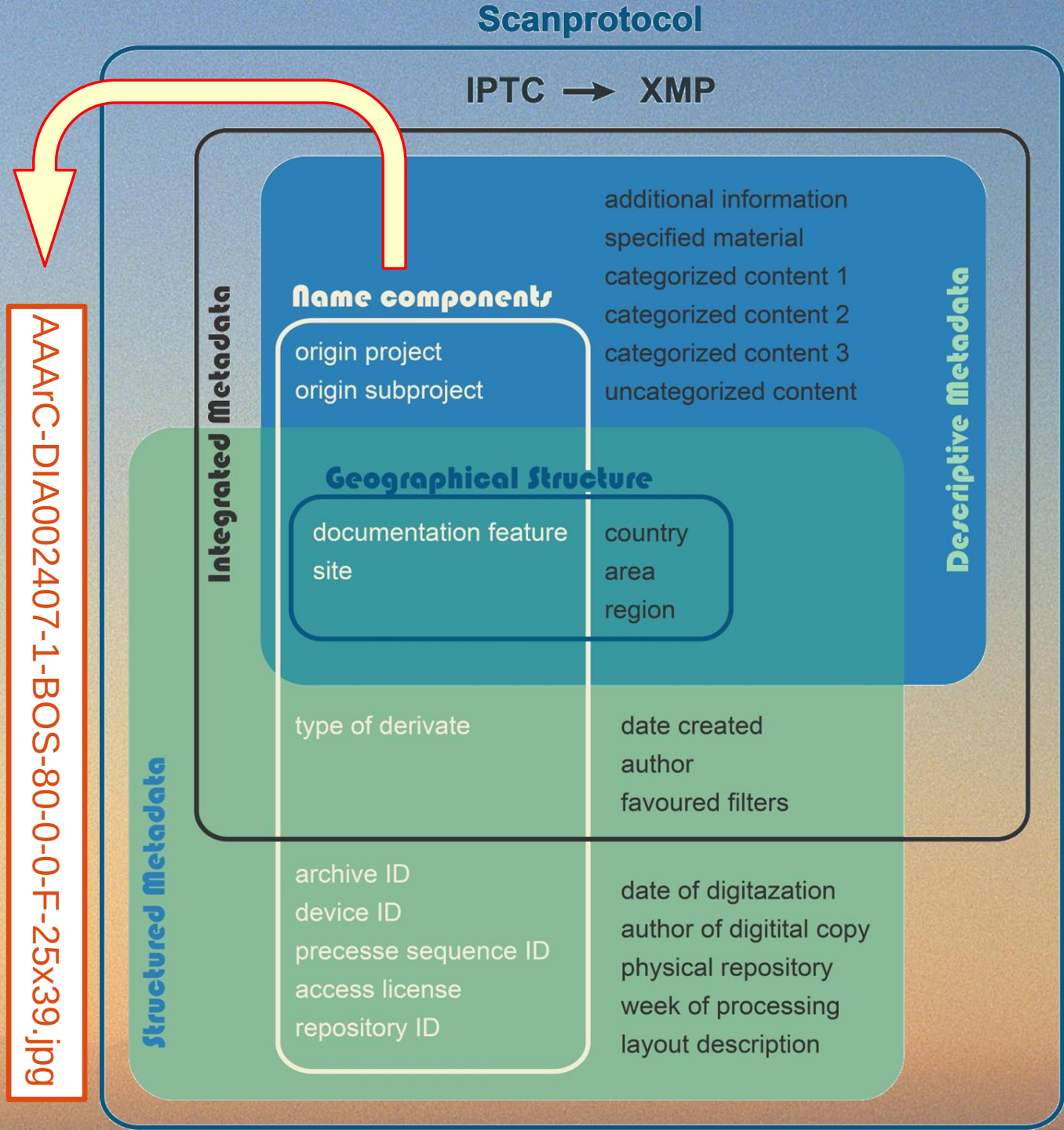
Datenmodell
aus
BOS – Fundplatzkatalog
und
Bildmetadaten



African
Archaeology
Archive
Cologne

Klassifizierung von Bild-Metadaten

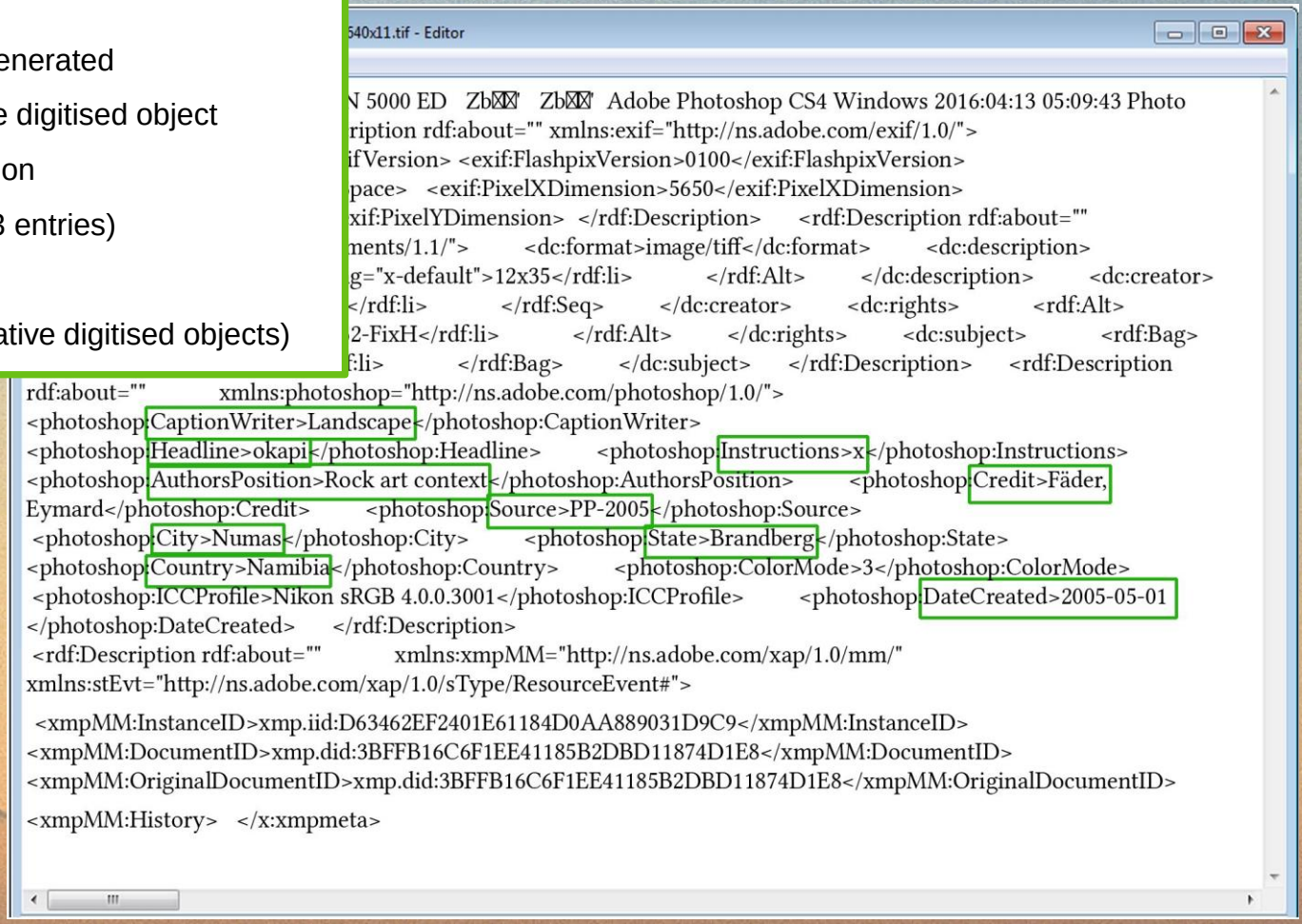
Redundanz im Bildnamen und den integrierten Metadaten



Technische Redundanz – XMP Metadaten

Integrated Metadata operated by AAArC:

- Country
- Region
- Area
- Site – Trench/ Fix
- Project that generated the document
- type of digitised object
- author/ researcher (IP)
- calender date the document was generated
- information about the content of the digitised object
- comments and additional information
- standardised content information (3 entries)
- material (pottery, lithics…)
- favourite (indicator for most informative digitised objects)



540x11.tif - Editor

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Wir hoffen, Ihre Neugier ist geweckt