

**CURRICULUM VITAE****1. Personal Details**

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Electronic Address: [iroffman@gmail.com](mailto:iroffman@gmail.com) ; [itair@yvc.ac.il](mailto:itair@yvc.ac.il)**2. Higher Education****a. Undergraduate and Graduate Studies**

<b>Period of Study</b>	<b>Name of Institution and Department</b>	<b>Degree</b>	<b>Year of Approval of Degree</b>
2009-2016	Graduate Studies Authority; Haifa University, Israel	PhD	2017
2006-2008	Anthropology; Iowa State University, USA	MA	2008
2002-2005	Multidisciplinary Studies (History & Arts); Tel-Hai Academic College	BA	2006

**b. Post-Doctoral Studies**

<b>Period of Study</b>	<b>Name of Institution, Department and Host</b>	<b>Degree</b>	<b>Year of Completion</b>
2016 - 2017	Prof. Eviatar Nevo; International Graduate Center of Evolution; Haifa University, Israel	Post-doctoral fellow	2017

### 3. Academic Ranks in Institutes of Higher Education

<b>Dates</b>	<b>Name of Institution and Department</b>	<b>Rank/Position</b>
Oct 2022 - present	Yezreel Valley College, Human Services and Criminology	Senior Lecturer  Researcher
Oct 2021 - present	Yezreel Valley College, Human Services	Faculty fellow
Oct 2018 – Sept 2021	Yezreel Valley College, Anthropology & Sociology	External lecturer

<https://adams.academy.ac.il/%D7%91%D7%A8%D7%9B%D7%95%D7%AA-%D7%9C%D7%90%D7%99%D7%AA%D7%99-%D7%A8%D7%95%D7%A4%D7%9E%D7%9F-%D7%A2%D7%9C-%D7%94%D7%A2%D7%9C%D7%90%D7%AA%D7%95-%D7%9C%D7%93%D7%A8%D7%92%D7%AA-%D7%9E%D7%A8%D7%A6%D7%94/>

### 4. Offices in Academic Administration

Co-Director, the Jane Goodall Institute Israel (charity, registered 27.1.22)

### 5. Scholarly Positions and Activities outside the Institution

2022: Guest Editor, *Frontiers in Psychology* (Journal Issue: The Intrinsic Role of Embodiment and Dialogue to the Language Processes of All Beings).

2021-present: International representative for Mali in the IUCN Western Chimpanzee Action Plan.

2020-present: Committee member (board of directors) of the World Biological Corridor.

2019-present: Member of the 'Great Ape Project Spain' board of directors.

2019-present: the Great Ape Project Delegate and Scientific Advisor for Israel & Mali.

2017: Reviewer for the National Geographic Society research grant proposals.

2015: Reviewer in the Israel Journal of Ecology & Evolution.

2012-2013: Member of the Bonobo Hope Sanctuary's (BHS) IACUC board (ethic committee).

2012-present: Member of the Bonobo Hope International (BHI) board of directors.

## 6. Participation in Scholarly Conferences

### a. Active Participation

Date	Name of Conference	Place of Conference	Subject of Lecture	Role
2022 (July 14)	World Chimpanzee Day 2022 Webinar  The Jane Goodall Institute Roots & Shoots Global	zoom	Learning Chimpanzee Language: an Important Component in their Cultural Diversity of <i>Homo [Pan] troglodytes/paniscus</i> sister species studies	Lecture  <a href="https://youtu.be/wCA_BGLb1aE">https://youtu.be/wCA_BGLb1aE</a>
2022 (July 6-7)	50th Annual Conference for Science and the Environment	Tel-Aviv, Israel	Ecological Restoration: From Africa to the Middle-East	Introducing Dr. Jane Goodall, UN Messenger of Peace keynote opening address  <a href="https://youtu.be/xUAh2rqNr0Y">https://youtu.be/xUAh2rqNr0Y</a>
2021 (Nov 16)	ChimpanZoo conference  The Jane Goodall Institute Global	zoom	A new zoo model for chimpanzee care derived from Studying Suite of Early-Hominin Traits in <i>Pan</i>	Lecture and participation panel
2020 (Oct 23)	The World Biological Corridor conference  Project of the Government of the Canary Islands	zoom	Ecological Corridors via Tribal Peacemaking : Ensuring Survival of the Critically Endangered Mali Chimpanzees ( <i>Homo [Pan] troglodytes verus</i> ) by Development of Sustainable	Lecture and participation panel

			Strategies for their Co-existence with Humans	
2019 (July 15)	Interspecies Internet Workshop conference	MIT's Center for Bits and Atoms, Cambridge, MA, USA	Internet Communication between Hominins as a Therapeutic Method for Improving the Emotional, Cognitive, Social and Cultural Capabilities of Youth with Autism	Lecture and participation panel <a href="http://cba.mit.edu/events/19.07.12/">http://cba.mit.edu/events/19.07.12/</a>
2012 (Jan 8)	Adams conference	The Israel National Academy of Sciences and Humanities, Jerusalem, Israel	Studying Suite of Early <i>Homo</i> traits in <i>Pan</i>	Lecture <a href="https://adams.academy.ac.il/fellow/itai-roffman/">https://adams.academy.ac.il/fellow/itai-roffman/</a>
2011 (Nov 17)	Judaism In Evolutionary Perspective conference	Schechter Institute for Jewish Studies, Jerusalem, Israel	Early <i>Homo</i> suite of traits in chimpanzees	Lecture and participation in panel
2007 (Oct 10)	The Jane Goodall Institute ChimpanZoo conference	Wichita, Kansas, USA	Do cross-fostered chimpanzees and bonobos possess representational symbology and recognizable imagery in human cultural terms?	Lecture and participation in panel

**b. Organization of Conferences or Sessions**

Date	Name of Conference	Place of Conference	Subject of Lecture	Role
2022 (Mar 28)	'Saving the Wildlife' conference	Gazelle Valley, Jerusalem	Wildlife and Environmental Personhood Rights, the Jane Goodall Institute Israel	Steering committee

**7. Invited Lectures\ Colloquium Talks**

Date	Forum/Place of Lecture	Name of Lecture	Presentation/Comments
2022 (12 <sup>th</sup> July)	"Rebirth" A Six Discipline Seminar Day at the Ein Dor Archeological Museum	"The Birth of a New Species - Chimpanzee Sister Species to Humans: Uncovering early <i>Homo</i> Suite of Traits"	Lecture on the topic of evolutionary/cultural Anthropology
2022 (27 <sup>th</sup> June)	The 18 <sup>th</sup> Yezreel Valley College Research & Teaching Fair	Opening Lecture: "Chimpanzees – Sister Species to Humans: Research & Implications for Humanity's Place in Nature"	Joint lecture with Prof. Yonathan Mizrachi
2022 (20 <sup>th</sup> June)	Yezreel Valley College Senate Meeting	Presentation of the Jane Goodall Institute Israel Activities & Research Topics for 2023	the Jane Goodall Institute Israel is based at the Max Stern Yezreel Valley College

2022 (Sept 28)	Cornell University:  COGST 3500 Interspecies Communication: Theories and Practices (2022FA)	Chimpanzee/Bonobo-chimpanzee sister species research on their language, psycho-pathologies, cultural diversity and reclassification into <i>Homo</i> genus	Cognitive Science undergraduate Seminar. Moderated by Prof Laurent Dubreuil  *video link below
2022 (21 <sup>st</sup> July)	World Chimpanzee Day 2022 Webinar  (Jane Goodall Institute's Roots & Shoots Global)	Learning Chimpanzee Language: an important component in their cultural diversity <i>Homo [Pan] troglodytes/ paniscus</i> sister species studies	Video link: <a href="https://youtu.be/wCA_BGLb1aE">https://youtu.be/wCA_BGLb1aE</a>
2019 (Dec 9 <sup>th</sup> )	Cornell University	THE APE TESTIMONY PROJECT: Itai Roffman	*video link below
2018 (June 5)	The Green Forum of the Yesh Atid party on World Environment Day, the Knesset, Jerusalem	Mali chimpanzees as an extant model for early hominin evolution	Lecture and discussion.  at the invitation of Member of Knesset Yael German
2018 (May 21)	The Center for Sustainability, Achva Academic College, Arugot, Israel	Mali chimpanzees as an extant model for early hominin evolution	Lecture and discussion
2018 (Mar 6)	Department of Comparative Literature, Cornell	Gestural Communication and Pantomime in Great Apes ( <i>Pan</i> genus)	Lecture and participation in panel

	University, Ithaca, NY, USA		<a href="https://as.cornell.edu/news/ape-communication-explored-cornell-event">https://as.cornell.edu/news/ape-communication-explored-cornell-event</a>  (three Cornell faculty respondents and myself explored the implications of the latest findings on primate culture and communication)
<b>2018</b> (Feb 23)	Department of Ecology, Evolution and Behavior, University of Minnesota, Minneapolis, MN, USA	Studying Suite of Early-Hominin Traits in Pan: Cultural and Behavioral Evidence in Support of Pan's Reclassification as Early-Hominins	Lecture and discussion
<b>2014</b> (Jan 13)	Annual Tu-Bishvat Party lecture  Israel National Academy of Sciences and Humanities, Jerusalem, Israel	Early Homo suite of traits in chimpanzees	Lecture and discussion
<b>2010</b>	Pediatric Hematology-Oncology group meeting  Sheba Tel Ha-Shomer Hospital, Maccabi Health Centre, Ramat-Gan, Israel.	Can Chimpanzee Biology Highlight Human Origin and Evolution?	Lecture and discussion

- Video link to Sept 28, 2022, Cornell University class seminar  
[https://vod.video.cornell.edu/media/COGST%203500%20Interspecies%20Communication%3A%20Theories%20and%20Practices%20\(2022FA\)/1\\_5mar09qv](https://vod.video.cornell.edu/media/COGST%203500%20Interspecies%20Communication%3A%20Theories%20and%20Practices%20(2022FA)/1_5mar09qv)

- Video link to Dec 9<sup>th</sup>, 2019, THE APE TESTIMONY PROJECT, at Cornell University  
<https://blogs.cornell.edu/apetestimoniesproject/2019/12/09/itai-roffman/>

## 8. Conservation Grants Awarded

### a. For *in situ* conservation & research in Mali

2023-2024: Re:wild Primate Action Fund, Margot Marsh Biodiversity Foundation, New York City, New York, USA. "Ensuring Survival of the Endangered Mali Chimpanzees (*Homo [Pan] troglodytes verus*): Development of Sustainable Strategies for their Co-existence with Humans." (USD 5,000).

2021-2022: The Prince Mohamed bin Zayed Species Conservation Fund, Abu-Dhabi, UAE. Project title: "Ensuring Survival of the Endangered Mali Chimpanzees (*Pan troglodytes verus*): Development of Sustainable Strategies for their Coexistence with Humans" (USD 12,000).

2018-2020: The Leonardo DiCaprio Foundation, Los Angeles, California, USA. Project title: "Mali Chimpanzee cultural diversity research and conservation; habitat and viability assessment" (USD 65,000).

2018-2019: The Prince Mohamed bin Zayed Species Conservation Fund, Abu-Dhabi, UAE. Project title: "Ensuring Survival of the Endangered Mali Chimpanzees (*Pan troglodytes verus*): Development of Sustainable Strategies for their Coexistence with Humans" (USD 12,500).

2016-2017: Primate Conservation Inc., Rhode Island, USA. Action fund grant: "Ensuring Survival of the Endangered Mali Chimpanzees (*Pan troglodytes verus*): Development of Sustainable Strategies for their Coexistence with Humans" (USD 2,500).

2016-2017: The Prince Mohamed bin Zayed Species Conservation Fund, Abu-Dhabi, UAE. Project title: "Ensuring Survival of the Endangered Mali Chimpanzees (*Pan troglodytes verus*): Development of Sustainable Strategies for their Coexistence with Humans" (USD 10,000).

### b. For *in situ* conservation & research in Israel (personal donations to JGI Israel)

2023: Dr. Jane Goodall, DBE, UN Messenger of Peace (via JGI USA). Bedouin-led tribal ecological restoration in Israel (USD 5,000).

2023: Dr. J. Zohara Meyerhoff Hieronimus (via JGI USA). Bedouin-led tribal ecological restoration in Israel (USD 3,000)

2023: Mr. William Konstant, M.A., Bedouin-led tribal ecological restoration in Israel (USD 5,000)



## 9. Scholarships, Awards and Prizes

### a. Scholarship & Fellowship

2010-2014: The Adams Fellowship for Doctoral Students, the Israel National Academy of Sciences and Humanities, Jerusalem, Israel (USD 100,000).

2006-2008: 2 years scholarship for Masters in Anthropology, Iowa State University, awarded by Great Ape Trust of Iowa, Ames, IA, USA (USD 40,000).

### b. Honors and Awards

2016: Adams Conference - 1<sup>st</sup> prize for scientific research poster presentation, awarded by the Adams Fellowship for Doctoral Students, the Israel National Academy of Sciences and Humanities, Jerusalem, Israel (January 19, NIS 1,500).

2013: "Human Evolution - Past Present and Future Anthropological, Medical and Nutritional Considerations", London, UK - 1<sup>st</sup> prize for scientific research poster presentation, awarded by Sir. David Attenborough (May 8-10, £1,000).

2008: "Outstanding Youth Leadership" invitation awarded to attend the Jane Goodall Global Youth Summit, Walt Disney World Resort, Orlando, Florida, USA (April 19-25).

2005: Member of the Microsoft Office Information Worker Board of the Future, Budapest, Hungary (June 19-23).

2005: The Dr. James Gillihan Award for Peacemaking - honoring at TEAM (Teachers of Experiential and Adventure Methodologies), Northeastern Illinois University, Chicago, Illinois, USA (Feb. 18).

## 10. Courses Taught in Recent Years (all at Yezreel Valley College)

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
2023 (2 <sup>nd</sup> sem.)	Human services personnel as agents of social	Action based course (Dept. of Human Services)	BA	37

	environmental change			
2023 (2nd sem.)	Introduction to Psychology B	Introduction Course (Mandatory) (Dept. of Human Services)	BA	46 70
2022 (1 <sup>st</sup> sem.)	Introduction to Victimology	Introduction course (Dept. of Criminology)	BA	15
2022 (1 <sup>st</sup> sem.)	Introduction to Psychology A	Introduction Course (Mandatory) (Dept. of Human Services)	BA	41 74
2022 (1 <sup>st</sup> sem.)	Introduction to Human Evolution	Introduction course (Dept. of Sociology & Anthropology)	BA MA	34
2022 (2 <sup>nd</sup> sem.)	Introduction to Victimology	Introduction course (Dept. of Criminology)	BA	51
2022 (2 <sup>nd</sup> Sem.)  2020 (1 <sup>st</sup> sem.)	Introduction to Cultural Anthropology in an Applied Perspective	Introduction course (Dept. of Sociology & Anthropology)	BA	35  37
2022 (1 <sup>st</sup> sem.)  2021 (1 <sup>st</sup> sem.)  2020 (2 <sup>nd</sup> sem.)	Introduction to Psychology A	Introduction Course (Mandatory) (Dept. of Human Services)	BA	107  85  82
2022 (2 <sup>nd</sup> sem.)	Introduction to Psychology B	Introduction Course (Mandatory) (Dept. of Human Services)	BA	107

2021 (2 <sup>nd</sup> sem.)				85
2021 (2 <sup>nd</sup> sem.)	Introduction to Human Evolution	Introduction course (Dept. of Sociology & Anthropology)	BA	24
2019 (2 <sup>nd</sup> sem.)				33
2021 (1 <sup>st</sup> sem.)	American Corrections	Introduction course (Dept. of Criminology)	BA	73

### PUBLICATIONS

#### A. MA Thesis (254 pages)

**Roffman I** (2008). Masters Thesis in Anthropology: "Are bicultural bonobos able to recognize iconic representations and produce referential signs in human cultural terms?" Iowa State University, Department of Anthropology. DOI: 10.13140/RG.2.2.15790.36168

Program of Study Committee:  
Prof. Jill D. Pruetz, Major Professor; Dr. Sue Savage-Rumbaugh; Prof. Lisa Fontaine

#### B. PhD Dissertation (170 pages)

**Roffman I** (2016). PhD Dissertation in Evolutionary Anthropology: "Studying Suite of Early-Hominin Traits in *Pan*: Cultural and Behavioral Evidence in Support of their Reclassification as Early-Hominins". The Graduate Studies Authority, University of Haifa, Israel.

PhD supervisors: Prof. Eviatar Nevo and Prof. Avraham Ronen

Advisors: Prof. Derek Wildman, Dr. Tamar Ron, and Prof. Morris Goodman

#### C. Articles Published in Refereed Journals

1. **Roffman I** and Nevo E (2010). Can Chimpanzee Biology Highlight Human Origin and Evolution? *Rambam Maimonides Medical Journal*. 1(1):e0009. [I.F.: 1.08; Medicine, Q3].

Main article:

<http://www.rmmj.org.il/userimages/10/0/PublishFiles/10Article.pdf>

Supplementary material:

<http://www.rmmj.org.il/userimages/10/0/PublishFiles/10ArticleAM.pdf>

2. **Roffman I**, Savage-Rumbaugh S, Rubert-Pugh E, Ronen A, and Nevo E (2012). Stone tool production and utilization by bonobo-chimpanzees (*Pan paniscus*). *Proceedings of the National Academy of Sciences USA* 109: 14500-14503. [I.F.: 11.205; Anthropology, Q2].
3. **Roffman I**, Peleg G, Stadler A, Nevo E (2015). Meaningful informational exchange and pantomime in chimpanzees and bonobos: implications for protolanguage in hominins. *Human Evolution* 30(3-4): 141-174. DOI: 10.14673/HE2015341007 [I.F.: 0.122; Anthropology, Q3].
4. **Roffman I**, Savage-Rumbaugh S, Rubert-Pugh E, Stadler A, Ronen A, & Nevo E (2015). Preparation and Use of Varied Natural Tools for Extractive Foraging by Bonobos (*Pan paniscus*). *American Journal of Physical Anthropology* 158 (1): 78-91. [I.F.: 2.868; Anthropology, Q1].
5. **Roffman I**, Panchevre M, Ronen A, and Nevo E (2016). Cultural and Physical Characterization of Near-Arid Savanna Chimpanzees in Mali. *Human Evolution* 31(4): 191-214. [I.F.: 0.122; Anthropology, Q4].
6. Savage-Rumbaugh S, **Roffman I**, Lingomo S, Rubert-Pugh E (2018). The Fully Conscious Ape. *International Journal of Comparative Psychology* 31: 1-62. [I.F.: 2.231; Psychology, Q3].
7. Savage-Rumbaugh S, **Roffman I** (2018). Advent of selfhood. *Journal of Veterinary Medicine and Animal Sciences*. 1: 1003. [I.F.: 1.821].
8. **Roffman I**, Mizrachi Y, Chiarelli B, Savage-Rumbaugh S, Rubert-Pugh E, Fontaine L, Panchevre M, Ronen A, Nevo E. (2019). Pan Survival in the 21st Century: Chimpanzee Cultural Preservation, Rehabilitation, and Emancipation Manifesto. *Human Evolution* 34(1-2): 1-19. DOI: 10.14673/HE201912047. [I.F.: 0.122; Anthropology, Q2].  
[http://www.pontecorboli.com/digital/OpenAccess/Roffman\\_Pan.pdf](http://www.pontecorboli.com/digital/OpenAccess/Roffman_Pan.pdf)
- 8a. *Nature* Briefings chose our chimpanzee manifesto as 'quote of the day' for July 29, 2019: <https://adams.academy.ac.il/itai-roffman-received-great-recognition-form-nature/>

8b. Portuguese translation of our chimpanzee manifesto by the Brazilian Federal Republic Legal branch (Translation Nº 61549, Book Nº 200, pp. 1-17): <https://www.projeto-gap.org.br/wp-content/uploads/2019/09/61549.pdf>

8c. The Government of Mendoza Province, Argentina, recognizes the importance of our Manifesto as a milestone for chimpanzee personhood rights: <https://www.mendoza.gov.ar/prensa/repercusiones-en-la-comunidad-cientifica-internacional-por-el-habeas-corpus-concedido-a-la-mona-cecilia/>

9. **Roffman I**, (2020). Cultural Diversity Preservation of Mali's Chimpanzees. *International Primate Protection League News* 47(1):18-19. <https://www.ippl.org/newsletter/2020s/IPPL-News-June-2020.pdf#page=8>

#### **D. Articles or Chapters Published in Scientific Books**

1. Rumbaugh ES, **Roffman I**, Pugh E, Rumbaugh DM. Chapter 16: Ethical methods of investigation with *Pan/Homo* bonobos and chimpanzees. In: Biocommunication: Sign-Mediated Interactions between Cells and Organisms. Eds.: J. Seckbach & R. Gordon. London, World Scientific Publishing (2016): 449-573.

2. **Roffman I**, Mizrachi Y, Chiarelli B, Savage-Rumbaugh S, Rubert-Pugh E, Fontaine L, Panchevre M, Ronen A, Nevo E. *Pan* Survival in the 21st Century: Chimpanzee Cultural Preservation, Rehabilitation, and Emancipation Manifesto. In: "Los grandes simios y sus derechos básicos". Ed.: P. P. Terrados. Madrid, Asociación Cultural Y Científica Iberoamericana (2019): 537-566.

#### **E. Summary of my Activities and Future Plans**

All my life I have been fascinated by animals and nature, and after I made a personal contact with the world renowned chimpanzee cultural researcher and conservationist Dr. Jane Goodall in the year 2000, I was profoundly inspired by her work and she became my mentor. I have specialized in evolutionary anthropology, and focused my scientific interest on ethnographic chimpanzee research and cultural diversity preservation. This has been achieved since 2010 with the initiation of my Mali field sites in West Africa, via protection and restoration of their heritage and environments, together with the tribes living alongside them.

My MA thesis research was focused on examining the iconographic competencies of language-competent bonobo-chimpanzees - as a way of studying the close cultural links between *Pan* and humans - by comparing their abilities to that of late *Homo* cave art representational iconography and mark making. In these studies I had empirically proven the bonobos ability to produce iconographic mark-making and to remember their respective meanings across time, along with interpreting meanings of hieroglyphic type icons.

In my PhD, as an Adams Fellow of the Israeli National Academy of Sciences, I demonstrated that chimpanzees' and early *Homo* tool production and use competencies are parallel in type, form, microscopic wear-patterns and function, based on the genetics and shared ancestry of

these two hominin sister species. I had identified strategies for resource procurement in captive and semi-captive bonobo-chimpanzees (*Pan paniscus*) in Europe and America, exemplified by their stone/wood and bone tool preparation and processing competencies, to the level of pre-agricultural extractive foraging in *Homo*. I had further demonstrated the competency of bilateral informational-exchange of chimpanzees/bonobos with humans in terms of miming, music and vocal control implicating protolanguage in hominin evolution. Other traits observed were alliance building, cultural/group/personal identity, responsibility and moral order along with giving testimony of past events.

Moreover, in Mali I had identified unique chimpanzee survival strategies, cultural diversity and adaptations to the arid multi-habitat cliff range environments. These include nest/shelter constructions, cliff dwelling, stone and wooden tool assisted food procurement, water budgeting, symbolic nomadic way-finding navigation, bipedal locomotion, and more. The extent of bipedal locomotion, medicinal plant/mineral use, as well as language lexicon, has yet to be deciphered for Mali chimpanzees. I hypothesize that these chimpanzees face selective environmental pressures paralleling those experienced by early *Homo* along the Great African Rift Valley, resulting in accelerated evolutionary processes compared to those of rainforest chimpanzees. Mali chimpanzees may thus be regarded as "living fossils" and serve as an extant model for the study of human evolution. I intend to continue my research in Mali in the coming years in light of my findings and hypothesis.

In addition to the work described, I am active in the advancement of chimpanzee rights towards their liberation from zoos and transfer to sanctuaries, where they can undergo cultural rehabilitation and fulfill their hominin/early *Homo* potential in open natural reservations. As part of this effort, I founded the "Israeli Chimpanzee Welfare & Personhood Association" and the "Mali Chimpanzee Cultural Preservation, Rehabilitation and Heritage League", in order to promote their right for *habeas corpus* and reclassification as early hominin members of the *Homo* genus. Furthermore, we have recently established the Jane Goodall Institute of Israel under the auspices of the Yezreel Valley College, which will enable the realization of our goals for the benefit of chimpanzees (and other Great Apes), humans, wildlife and nature. For example, we have started an initiative to help mentally/communication disabled children to express themselves through video-assisted informational exchange sessions with bonobo-chimpanzees and gorillas, who competently conversed using computer keyboard English Lexigram symbols and sign language.

Through the Roots & Shoots youth movement in Israel we will implement through collaboration with municipalities our Jane Goodall Institute Israel strategy, which encourages youth's active participation in ecological restoration via community council engagement. We will focus on reflooding drained wetlands and replanting Mediterranean forest/arid Savannah woodlands cut down in early 1900s to build the Hijaz Trans-Jordan railway. This endeavor will be made possible with tribal Bedouin ecological leadership in conservation in Israel and neighboring countries for reintroduction of critically endangered species and establishing ecological corridors.

#### **F. Manuscripts in preparation**

**Roffman I et al. (2023).** Comparison of wear-patterns created on stone-tools used by bonobo-chimpanzees with those of early *Homo* exhibited in the fossil record.

**Roffman I** et al. (2023). A short report: an effective methodology for the preservation of chimpanzee cultural diversity in Mali.

**Roffman I** et al. (2023). The Case of the Chimpanzee Prisoner.

**Roffman I** et al. (2023). Uniquely early-*Homo*/hominin characteristics of the bipedal locomotion of Mali chimpanzees.

**Roffman I** et al. (2023). Supporting evidence for the existence of scientifically yet-to-be-described *Homo*/Hominin species through tribal-led science.

**Roffman I** et al. (2023). Strategy for building alliances with hominin chimpanzees (and other Great Ape Hominids) in zoo and sanctuary settings for peacefully coping with escapes, nullifying the use of lethal force.

**Roffman I** et al. (2023). De-colonializing human services through tribal sovereignty led ecological restoration/conservation, cultural heritage revival and sustainable development.

Larsson M., **Roffman I.** & Hills K. (2023). The influence of weapon use on the evolution of human bipedal locomotion.