

**EUROPEAN CURRICULUM  
VITAE FORMAT**



**PERSONAL INFORMATION**

Name **FRANCESCO ROVERO**  
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 Nationality  
 Date of Birth  
 Gender

**WORK EXPERIENCE**

- Dates (from - to) 2022 - today
- Name and address of the employer University of Florence – Department of Biology
- Type of business or sector Public university
- Occupation or position held **Associate professor – Ecology (BIO/07)**
- Main activities and responsibilities I carry out both teaching and research duties. I teach courses in ecology and in conservation biology for B.Sc. and M.Sc. degrees in Natural Sciences and in Biological Sciences at the University. I also serve as the Erasmus delegate and member of the Commission that approves learning curricula for the degrees in Natural Sciences. My research as an ecologist and biodiversity conservation scientist mainly focuses on understanding drivers of status and vulnerability of populations and communities, and use hierarchical modelling to study occurrence, abundance and community metrics. Most of my experience is on mammals as the subject and camera trapping as the detection method. My research projects have a marked geographic focus on high biodiversity areas in Tanzania, where I coordinate a long-term programme that integrates research, ecological monitoring and technical support to protected areas. This programme has been instrumental to establish in 2006 the Udzungwa Ecological Monitoring Centre. I work or have worked also in the Alps, Apennines, Mongolia and the Amazon.
  
- Dates (from - to) 2019 – 2021
- Name and address of the employer University of Florence – Department of Biology
- Type of business or sector Public university
- Occupation or position held **Tenure Track Assistant Professor (RTDb) – Ecology (BIO/07)**
- Main activities and responsibilities Please see above.
  
- Dates (from - to) 2008 – 2018
- Name and address of the employer MUSE - Museo delle Scienze, Trento, Italy
- Type of business or sector Public museum of natural sciences
- Occupation or position held **Head of the Tropical Biodiversity research unit**
- Main activities and responsibilities I was responsible for coordinating the activities of the Tropical Biodiversity Section, and linking these with the museum's exhibits, outreach and education programmes. This includes collaborating with several academia and other institutions nationally and internationally in

research, teaching/higher education, and supervising students. In particular, I have established a long-term programme of biodiversity conservation established in 2004 in the Udzungwa Mountains of Tanzania and I direct the Udzungwa Ecological Monitoring Centre, a field station established there in 2006 by MUSE – Museo delle Scienze.

## EDUCATION AND TRAINING

- Dates (from - to) 2003-2007
- Name and type of organisation providing education and training MUSE - Museo delle Scienze, Trento, Italy
- Principal subjects/occupational skills covered Animal ecology, mammals, camera-trapping, community ecology, functional diversity.
- Title of qualification awarded **Post Doc**

- Dates (from - to) 1997 – 2000
- Name and type of organisation providing education and training University of Wales, Bangor, UK
- Principal subjects/occupational skills covered Animal ecology, animal behaviour, optimal foraging, eco-physiology.
- Title of qualification awarded **PhD in Animal Ecology**

- Dates (from - to) 1989 -1995
- Name and type of organisation providing education and training University of Florence
- Principal subjects/occupational skills covered Natural sciences, with degree thesis on eco-ethology.
- Title of qualification awarded **M.Sc. in Natural Sciences**

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE  
OTHER LANGUAGES

ITALIAN  
ENGLISH

### SCIENTIFIC SKILLS AND COMPETENCES

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture an30sports), etc.*

- Research interests (5 Key words): Animal ecology; Biodiversity patterns and conservation; Functional diversity; Community ecology; Habitat modelling.
- Author of 111 ISI publications (source: Scopus)
- Lecturer in courses or modules at the University of Florence since 2015 (Ecology with laboratory for B.Sc. Biological Sciences; Ecology for B.Sc. in Natural Sciences, Biodiversity conservation methods for M.Sc. in Nature and Human Science, Applied Conservation Biology for EU TROPIMUNDO Master in Tropical Biodiversity).
- Oral communication at national and international meetings (10 in the last five years, 3 of which as an invited speaker), symposium chair at 1 international meeting, member of the scientific and organizing committee for 1 international meeting in the last 5 years.
- Supervisor of 7 PhD and 20 M.Sc. University theses.
- 47 public seminars given since 2008.

### RELEVANT ROLES AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

- Overall since 2002 he has coordinated research projects for approx. 2.5 M Euro of funding obtained through competitive calls or direct assignments.
- PI of an EU Erasmus+ CBHE project “Developing curricula for biodiversity monitoring and conservation in Tanzania”, 790,341 Euro (2021-2024)
- Other relevant project includes:  
>Scientific Coordinator for a programme titled “Foto-trappolaggio sistematico nel Parco Nazionale Foreste Casentinesi per studio e monitoraggio dei mammiferi”. Appointed by the Ente Parco Nazionale delle Foreste Casentinesi on behalf of the University of Florence, 15.000 Euro, period: June 2020 – present.

>Co-Scientific Coordinator for a project titled "Wild.AI: improving WILDLife camera trapping data processing and analytics through Artificial Intelligence.", 41.737 Euro, period January 2021 – December 2022.  
>Scientific Coordinator for TEAM (Tropical Ecology, Assessment and Monitoring, [www.teamnetwork.org](http://www.teamnetwork.org)), for standardized biodiversity monitoring in the Udzungwa Mountains of Tanzania. Appointed by Conservation International through MUSE - Museo delle Scienze, 769,000 USD, period: 1 July 2009 - 30 June 2017.

- I serve as an Associate Editor for the following ISI Journals:
  - (1) Remote Sensing in Ecology and Conservation (IF 2020 = 5.481)
  - (2) PLoS ONE (IF 2020 = 3.240)
  - (3) Hystrix – the Italian Journal of Mammalogy (IF 2020 = 1.670)
  - (4) Ethology, Ecology and Evolution (IF 2020 = 1.022)
- I am an invited member of 3 IUCN SSC Species Specialist Groups including the *Species Monitoring Specialist Group*; invited member of the Global Forest Biodiversity Initiative; invited member of the Science and Analytic Committee of Wildlife Insights.
- Invited Editor for the book: Rovero F, Zimmermann F (2016) "Camera Trapping for Wildlife Research", 293 pp, Pelagic Publishing, Exeter, UK. ISBN 978-1784270483 ("Data in the Wild series").
- I routinely review manuscripts for more than 15 ISI journals in the field of Ecology and Conservation Biology, including: PNAS, Conservation Biology, Biological Conservation, Journal of Applied Ecology, Methods in Ecology and Evolution, PLoS ONE, Diversity and Distributions, Oryx, Population Ecology.

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 111
- TOTAL NUMBER OF CITATIONS: 5784
- H-INDEX: 34

**According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV**

Florence, March 11, 2022

Signature

## Complete list of scientific publications by Francesco Rovero

Arranged in reverse chronological order and grouped as follows:

- A. Papers in peer-reviewed, ISI/Scopus journals
- B. Edited books
- C. Book chapters
- D. Papers in peer-reviewed, non ISI/Scopus journals
- E. Abstracts of meeting presentations in journals
- F. Manuscripts in review/pre-submission (peer-reviewed, ISI/Scopus journals)

### A) PAPERS IN PEER-REVIEWED, ISI/SCOPUS JOURNALS:

1. Krofel M, Groff C, Oberosler V, Augugliaro C, **Rovero F** (in press). Snow leopard (*Panthera uncia*) predation and consumption of an adult yak in the Mongolian Altai. *Ecology, Ethology and Evolution*, doi: 10.1080/03949370.2021.18727091.
2. Agwanda BR\*, **Rovero F\***, Lawson L, Vernesi C, Amin R (2021). A new subspecies of giant sengi (*Macroscelidea: Rhynchocyon*) from coastal Kenya. *Zootaxa*, 4948: 245–260, doi: 10.11646/zootaxa.4948.2.5 (\*equal contribution)
3. Gorczyński D, Hsieh C, Tonos Luciano J, Ahumada J, Espinosa S, Johnson S, **Rovero F**, Santos F, Hugues MA, Hurtado Astaiza J, Jansen PA, Kayijamahe C, Moreira Lima MG, Salvador J, Beaudrot L (2021). Tropical mammal functional diversity increases with productivity but decreases with anthropogenic disturbance. *Proceedings of the Royal Society B: Biological Sciences*, 288: 20202098, doi: 10.1098/rspb.2020.2098
4. Lawson LP, Haile J, Castruita J, Vernesi C, **Rovero F**, Lorenzen, ED (2021) Unraveling elephant shrews: phylogenetic relationships and unexpected introgression among giant sengis. *Molecular Phylogenetics and Evolution*, 154: 107001, doi: 10.1016/j.ympev.2020.107001.
5. Greco I, **Rovero F** (2021). The African golden cat *Caracal aurata* in Tanzania: first record and vulnerability assessment. *Oryx*, 55: 212–215.
6. Oberosler V, Tenan S, **Rovero F** (2020). Spatial and temporal patterns of human avoidance by brown bears in a reintroduced population. *Hystrix, the Italian Journal of Mammalogy*, doi:10.4404/hystrix-00327-2020
7. Corradini A, Randles M, Pedrotti L, van Loon E, Passoni G, Oberosler V, **Rovero F**, Tattoni C, Ciolli M, Cagnacci F (2020). Effects of cumulated outdoor activity on wildlife habitat use. *Biological Conservation* 253: 108818, doi: 10.1016/j.biocon.2020.108818
8. Greco I, Fedele E, Salvatori M, Giampaoli Rustichelli M, Mercuri F, Santini G, **Rovero F**, Lazzaro L, Foggi B, Massolo A, De Pietro F, Zaccaroni M (2020). Guest or pest? Spatio-temporal occurrence and effects on soil and vegetation of the wild boar on Elba island. *Mammalian Biology*, doi: 10.1007/s42991-020-00083-1.
9. Havmøller R, Jacobsen N, **Rovero F**, Havmøller L, Scharff N, Gilbert MYP (2020). Using DNA metabarcoding and correction factors to assess dietary preferences of wild African leopards. *African Journal of Ecology*, doi: 10.1111/aje.12817.
10. Barelli, C., Pafčo, B., Manica, M., Rovero, F., Rosà, R., Modrý, D., & Hauffe, H. C. (2020). Loss of protozoan and metazoan intestinal symbiont biodiversity in wild primates living in unprotected forests. *Scientific reports*, 10: 10917, doi: 10.1038/s41598-020-67959-7

11. Barelli C, Albanese D, Stumpf R, Asangba A, Donati C, **Rovero F**, Hauffe H (2020). The gut microbiota communities of wild arboreal and ground-feeding tropical primates are affected differently by habitat disturbance. *MSystems*, 5: e00061-20, doi: 10.1128/mSystems.00061-20.
12. Oberosler V, Tenan S, Zipkin E, **Rovero F** (2020). When parks work: effect of anthropogenic disturbance on occupancy of tropical forest mammals. *Ecology and Evolution*, 10: 3881-3894, doi: 10.1002/ece3.6048
13. Havmøller, R.W., Jacobsen, N.S., Scharff, N., **Rovero, F.**, Zimmermann, F., 2020. Assessing the activity pattern overlap among leopards (*Panthera pardus*), potential prey and competitors in a complex landscape in Tanzania. *J. Zool.* jzo.12774. <https://doi.org/10.1111/jzo.12774>, pp 1-8
14. Hubau, W., Lewis, S.L., Phillips, O.L., Affum-Baffoe, K., Beekman, H., Cuní-Sanchez, A., Daniels, A.K., Ewango, C.E.N., Fauset, S., Mukinzi, J.M., Sheil, D., Sonké, B., Sullivan, M.J.P., Sunderland, T.C.H., Taedoumg, H., Thomas, S.C., White, L.J.T., Abernethy, K.A., Adu-Bredu, S., Amani, C.A., Baker, T.R., Banin, L.F., Baya, F., Begne, S.K., Bennett, A.C., Benedet, F., Bitariho, R., Bocko, Y.E., Boeckx, P., Boundja, P., Brienen, R.J.W., Brncic, T., Chezeaux, E., Chuyong, G.B., Clark, C.J., Collins, M., Comiskey, J.A., Coomes, D.A., Dargie, G.C., de Haulleville, T., Kamdem, M.N.D., Doucet, J.-L., Esquivel-Muelbert, A., Feldpausch, T.R., Fofanah, A., Foli, E.G., Gilpin, M., Gloor, E., Gonmadje, C., Gourlet-Fleury, S., Hall, J.S., Hamilton, A.C., Harris, D.J., Hart, T.B., Hockemba, M.B.N., Hladik, A., Ifo, S.A., Jeffery, K.J., Jucker, T., Yakusu, E.K., Kearsley, E., Kenfack, D., Koch, A., Leal, M.E., Levesley, A., Lindsell, J.A., Lisingo, J., Lopez-Gonzalez, G., Lovett, J.C., Makana, J.-R., Malhi, Y., Marshall, A.R., Martin, J., Martin, E.H., Mbayu, F.M., Medjibe, V.P., Mihindou, V., Mitchard, E.T.A., Moore, S., Munishi, P.K.T., Bengone, N.N., Ojo, L., Ondo, F.E., Peh, K.S.-H., Pickavance, G.C., Poulsen, A.D., Poulsen, J.R., Qie, L., Reitsma, J., **Rovero, F.**, Swaine, M.D., Talbot, J., Taplin, J., Taylor, D.M., Thomas, D.W., Toirambe, B., Mukendi, J.T., Tuagben, D., Umunay, P.M., van der Heijden, G.M.F., Verbeeck, H., Vleminckx, J., Willcock, S., Wöll, H., Woods, J.T., Zemagho, L., 2020. Asynchronous carbon sink saturation in African and Amazonian tropical forests. *Nature* 579, 80–87, doi: 10.1038/s41586-020-2035-0
15. Oberosler V, Tenan S, Zipkin EF, **Rovero F** (2020). Poor management in protected areas is associated with lowered tropical mammal diversity. *Animal Conservation*, 23: 171-181, doi:10.1111/acv.12525
16. Kays, R., Arbogast, B.S., Baker-Whitton, M., Beirne, C., Boone, H.M., Bowler, M., Burneo, S.F., Cove, M.V., Ding, P., Espinosa, S., Luis Sousa Gonçalves, A., Hansen, C.P., Jansen, P.A., Kolowski, J.M., Knowles, T.W., Guimarães Moreira Lima, M., Millspaugh, J., McShea, W.J., Pacifici, K., Parsons, A.W., Pease, B.S., **Rovero, F.**, Santos, F., Schuttler, S.G., Sheil, D., Si, X., Snider, M., Spironello, W.R. (2020). An empirical evaluation of camera trap study design: how many, how long, and when? *Methods in Ecology and Evolution* 11: 700-713, <https://doi.org/10.1111/2041-210X.13370>
17. Cid B, Carbone C, Fernandez F, Jansen P, Rowcliffe M, O'Brien T, Akampurira E, Bitariho R, Espinosa S, Gajapersad K, Gonçalves A, Kinnaird M, Lima M, Martin E, Mugerwa B, **Rovero F**, Salvador J, Santos F, Spironello W, Wijntuin S, Oliveira-Santos LG (2020). On the scaling of activity in tropical forest mammals. *Oikos* 129: 668-676, doi: 10.1111/oik.07022
18. **Rovero F**, Ahumada J, Jansen P, Sheil D, Alvarez P, Boekee K, Espinosa S, Moreira Lima MG, Martin EH, O'Brien T, Salvador J, Santos J, Rosa M, Zvoleff A, Sutherland C, Tenan S (2020). A standardized assessment of forest mammal communities reveals consistent functional composition and vulnerability across the tropics. *Ecography*, 43: 75-84, doi:10.1111/ecog.04773
19. **Rovero F**, Augugliaro A, Havmøller RW, Groff C, Zimmermann F, Oberosler V, Tenan S (2020). Co-occurrence of snow leopard *Panthera uncia* Siberian ibex *Capra sibirica* and livestock: potential relationships and effects. *Oryx*, 54: 118-124
20. Barelli C, Gonzalez-Astudillo V, Mundry R, **Rovero F**, Hauffe HC, Gillespie TR (2019) Altitude and human disturbance are associated with helminth diversity in an endangered primate, *Procolobus gordonorum*. *PLoS ONE* 14(12): e0225142, doi: 10.1371/journal.pone.0225142
21. O'Brien T.G.; Ahumada J.; Akampurila E.; Beaudrot L.; Boekee K.; Brncic T.; Hickey J.; Jansen P.A.; Kayijamahe C.; Moore J.; Mugerwa B.; Mulindahabi F.; Ndoundou-Hockemba M.; Niyigaba P.; Nyiratuza M.; Opepa C.K.; **Rovero F.**; Uzabaho E.; Strindberg S. (2019). Camera trapping reveals trends in forest duiker populations in African National Parks. *Remote Sensing in Ecology and Conservation* 6: 168-180, doi: 10.1002/rse2.132
22. Anile S, Devillard S, Ragni B, **Rovero F**, Lo Valvo M (2019) Habitat and anthropogenic determinants of wildcat occupancy on Mount Etna. *Wildlife Biology*, 2019(1): 1-13, doi: 10.2981/wlb.00561
23. Khwaja et al. (including **Rovero F**) (2019) Pangolins in global camera trap data: Implications for ecological monitoring. *Global Ecology and Conservation* 20: e00769, doi: 10.1016/j.gecco.2019.e00769

24. Steidinger BS et al. (including **Rovero F**) (2019). Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. *NATURE* 569: 404-408, doi: 10.1038/s41586-019-1128-0
25. Cavada N, Havmøller R, Sharff N., **Rovero F** (2019). A landscape-scale assessment of tropical mammals reveals the effects of habitat and anthropogenic disturbance on community occupancy. *PLOS ONE*, 14: e0215682, doi: 10.1371/journal.pone.0215682
26. Havmøller R, Tenan S, Scharff N, **Rovero F** (2019). Reserve size and anthropogenic disturbance affect the density of an African leopard (*Panthera pardus*) meta-population. *PLOS ONE*, 14: e0209541, doi: 10.1371/journal.pone.0209541
27. Cavada N, Tenan S, Barelli C, **Rovero F** (2019). Effects of anthropogenic disturbance on primate density at the landscape scale. *Conservation Biology*, 33: 873-882, doi: 10.1111/cobi.13269
28. Beaudrot L, Acevedo M, Lessard JP, Zvoleff A, Jansen PA, Sheil D, **Rovero F**, O'Brien T, Larney E, Fletcher C, Andelman S, Ahumada J (2019). Local temperature and ecological similarity drive distributional dynamics of tropical mammals worldwide. *Global Ecology and Biogeography* 28: 976-991, doi: 10.1111/geb.12908
29. Bastin JF, Rutishauser E, Kellner J, Saatchi S, Pélissier R, Hérault B, Slik F, Marshall A, Poulsen J, Bogaert J, De Cannière C, Alvarez-Loyayza P, Andrade A, Abonga A, Araujo-Murakami A, Arroyo L, Ayyappan N, de Azevedo CP, Banki O, Barbier N, Barroso J, Beekman H, Bitariho R, Böhning-Gaese K, Boeckx P, Brandão H, Brearley F, Breuer Ndoundou Hockemba M, Brienen R, Camargo JLC, Campos-Arceiz A, Cassart B, Chave J, Chazdon R, Chuyong G, Clark D, Clark C, Condit R, Honorio Coronado E, Davidar P, de Haulleville T, Descroix L, Doucet JL, Dourdain A, Droissart V, Duncan T, Silva-Espejo J, Espinosa S, Farwig N, Fayolle A, Feldpausch T, Ferraz A, Fletcher C, Gajapersad K, Gillet JF, Amaral I, Gonmadje C, Grogan J, Harris D, Herzog S, Homeier J, Hubau W, Hubbel S, Hufkens K, Hurtado J, Kamdem G, Kearsley E, Kenfack D, Kessler M, Labrière N, Laumonier Y, Laurance B, Laurance S, Lewis S, Libalah M, Ligot G, Lloyd J, Lovejoy T, Malhi Y, Marimon B, Marimon Junior B, Martin E, Matius P, Meyer V, Mendoza BC, Monteagudo A, Mtui A, Neill D, Parada-Gutierrez A, Pardo Molina G, Parren M, Parthasarathy N, Phillips O, Pitman N, Ploton P, Ponette Q, Ramesh B, Razafimahaimodison JC, Réjou-Méchain M, Rolim Samir G, Romero Saltos H, Rossi M, Spironelo W, **Rovero F**, Saner P, Sasaki D, Schulze M, Silveira M, Singh J, Sist P, Sonké B, Soto D, Souza C, Stropp J, Sullivan M, Swanepoel B, Steege H, Terborgh J, Texier N, Toma T, Valencia R, Valenzuela L, Ferreira L, Valverde FC, Van Andel T, Vasquez R, Verbeeck H, Vivek P, Vleminckx J, Vos V, Wagner F, Warsudi W, Wortel V, Zagt R, Zebase D (2018). Pan-tropical prediction of forest structure from the largest trees. *Global Ecology and Biogeography*, 27: 1366-1383.
30. Slik F, Franklin J, Arroyo-Rodriguez J, Field R, Aguilar S, Aguirre N, Ahumada J, Aiba SI, Alves LF, Anitha K, Avella A, Ardila F, Aymard GA, Báez S, Balvanera P, Bastian ML, Bastin J, Bellingham P, van den Berg E, da Conceição Bispo P, Boeckx P, Boehning-Gaese K, Bongers F, Boyle B, Brambach F, Brearley FQ, Brown S, Chai SL, Chazdon RL, Chen S, Chang P, Chuyong G, Corneille E, Coronado IM, Cristóbal-Azkarate J, Culmsee H, Damas K, Dattaraja HS, Davidar P, DeWalt SJ, Din H, Drake DR, Duque A, Durigan G, Eichhorn K, Eler E, Enoki T, Ensslin A, Fandohan AB, Farwig N, Feeley KJ, Fischer M, Forshed O, Garcia Q, Garkoti SC, Gillespie TW, Gillet JF, Gonmadje C, Granzow-de la Cerda I, Griffith DM, Grogan J, Hakeem KR, Harris DJ, Harrison RD, Hector A, Hemp A, Homeier J, Hussain MS, Ibarra-Manríquez G, Ibrahim FH, Imai N, Jansen PA, Joseph S, Kartawinata K, Kearsley E, Kelly D, Kessler M, Killeen TJ, Kooyman R, Laumonier Y, Laurance S, Laurance W, Lawes MJ, Letcher S, Lindsell J, Lovett J, Lozada J, Lu X, Lykke AM, Mahmud KB, Mahayani NPD, Mansor A, Marshall AR, Martin EH, Matos DCL, Meave JA, Melo FPL, Mendoza ZHA, Metali F, Metjibe V, Metzger JP, Metzker T, Mohandass D, Munguía-Rosas MA, Muñoz R, Nurtjahya E, de Oliveira EL, Onrizal Parolin P, Parren M, Parthasarathy N, Paudel E, Perez R, Pérez-García EA, Pommer U, Poorter L, Piedade MTF, Pinto JRR, Poulsen AD, Poulsen J, Powers JS, Prasad RC, Puyravaud JP, Qie L, Rangel O, Reitsma J, Rocha DB, Rolim S, **Rovero F**, Rozak A, Ruokolainen K, Rutishauser E, Rutten G, Said MNM, Saiter FZ, Saner P, Santos B, dos Santos JR, Sarker SK, Schmitt CB, Schoegart J, Schulze M, Sheil D, Souza AF, Spironello WR, Sposito T, Steinmetz R, Stevart T, Suganuma MS, Sukri R, Sultana A, Sukumar R, Sunderland T, Supriyadi Suresh HS, Suzuki E, Tabarelli M, Tang J, Tanner EVJ, Targhetta N, Theilade I, Thomas D, Timberlake J, Valeriano M, van Valkenburg J, Van Do T, Van Hoang S, Vandermeer JH, Verbeeck H, Vetaas OR, Adekunle V, Vieira SA, Webb C, Webb E, Whitfeld T, Wich SA, Williams J, Wiser S, Wittmann F, Yang X, Yao CYA, Yap S, Zahawi RA, Zakaria R, Zang R (2018). A phylogenetic classification of the world's tropical forests. *Proceedings of the National Academy of Sciences* 115: 1837–1842.
31. Oberosler V, Groff C, Iemma I, Pedrini P, **Rovero F** (2017). The influence of human disturbance on occupancy and activity patterns of mammals in the Italian Alps from systematic camera trapping. *Mammalian Biology* 87: 50–61.
32. Cavada N, Ciolli M, Barelli C, **Rovero F** (2017). Optimizing field and analytical procedures for estimating densities of arboreal and threatened primates in tropical rainforest. *American Journal of Primatology* 79: e22666.
33. Estrada A, Garber PA, Rylands AB, Roos C, Fernandez-Duque E, Di Fiore A, Nekaris KAI, Nijman V, Heymann EW, Lambert JE, **Rovero F**, Barelli C, Setchell JM, Gillespie TR, Mittermeier RA, Arregoitia LV, de Guinea M, Gouveia S, Dobrovolski R, Shantee S,

- Shanee N, Boyle SA, Fuentes A, MacKinnon KC, Amato KR, Meyer ALS, Wich S, Sussman RW, Pan RL, Kone I, Li BG (2017). Impending extinction crisis of the world's primates: Why primates matter. *Science Advances* 3: e1600946.
34. **Rovero F**, Ahumada J (2017). The Tropical Ecology Assessment and Monitoring (TEAM) Network: an Early Warning System for tropical rain forests. *Science of the Total Environment* 574: 914–923.
  35. Cavada N, Ciolli M, Rocchini D, Barelli C, Marshall AR, **Rovero F** (2017). Integrating field and satellite data for spatially explicit inference on the density of threatened arboreal primates. *Ecological Applications* 27: 235-243.
  36. Martin EH, Ndibalema VG, **Rovero F** (2017). Does variation between dry and wet seasons affect tropical forest mammals' occupancy and detectability by camera traps? Case study from the Udzungwa Mountains Tanzania. *African Journal of Ecology* 55: 37-46.
  37. Carlucci MB, Seger GDS, Sheil D, Amaral IL, Chuyong GB, Ferreira LV, Galatti U, Hurtado J, Kenfack D, Leal DC, Lewis SL, Lovett JC, Marshall AR, Martin E, Mugerwa B, Munishi P, Oliveira ACA, Razafimahaimodison JC, **Rovero F**, Sainge MN, Thomas D, Pillar VD, Duarte LDS (2017). Phylogenetic composition and structure of tree communities shed light on historical processes influencing tropical rainforest diversity. *Ecography* 40: 521-530.
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#### E) ABSTRACTS OF MEETING PRESENTATIONS IN JOURNALS:

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3. Cavada N, **Rovero F** (2017). Optimizing Field and Analytical Procedures for Estimating Densities of Arboreal and Threatened Primates in Tropical Rainforest. Proceedings of the XVIII Congress of the Italian Primatological Association, Trento, Italy. *Folia Primatologica*, 88: 192.

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**F) MANUSCRIPTS IN REVIEW (PEER-REVIEWED, ISI/SCOPUS JOURNALS):**

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**Date and Signature:** 1<sup>st</sup> March 2021