

Eight legs, two wings, one life for scientific research—celebrating the 80th birthday of Prof. Dr Jochen Martens

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Abstract

The scientific life of Prof. Dr Jochen Martens (Germany: Mainz) is illuminated on occasion of his 80th birthday. Facts and impressions are given as well as lists of his publications (329), taxa he has described (2 families, 29 genera, 296 species) and that have been dedicated to him (11 genera, 219 species, 1 subspecies). Jochen Martens is a renowned specialist for birds (*Aves*) and for harvestmen (*Opiliones*). So far, he travelled to 27 countries in 80 journeys with Nepal and the Himalayas as one geographic focus.

Key words: Himalaya, Nepal, zoology, ornithology, arachnology, Opiliones

Prof. Dr Jochen Martens will celebrate his 80th anniversary on 10th June 2021 and we would like to take this opportunity to congratulate him, besides this Festschrift and the contributions herein, with some facts, impressions and memories from his life. However, it is not easy to honour a person who dedicated almost his entire life to scientific research, especially when you are “just” one of his students. We are both successful graduates who studied under Jochen Martens, and certainly will try our best to outline his achievements and reasons why we think he absolutely deserves a second Festschrift.

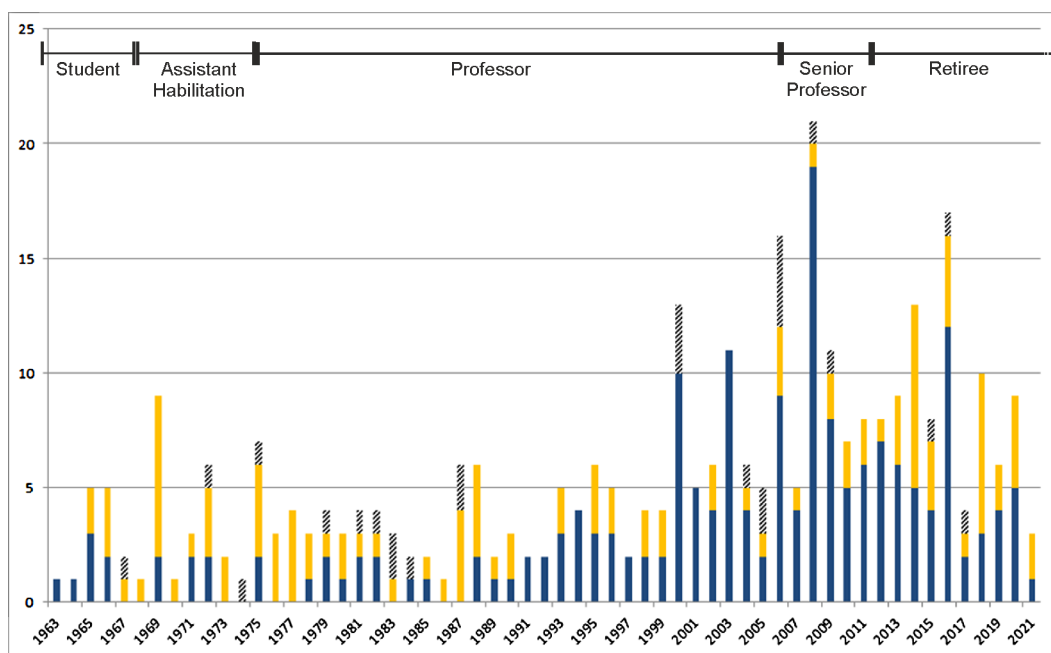


FIGURE 1. Number of publications of Jochen Martens according to years (1963–2021) and research fields (blue—*Aves*: 188, yellow—*Arthropoda*: 114, hatched—diverse: 27).

Not many people are luminary in two fields of science. But Jochen Martens is definitely one of them. He is a renowned specialist on harvestmen worldwide (“eight legs”) and at the same time an expert on birds, especially Passeriformes (“two wings”). He published well more than 300 papers dealing with taxonomy, systematics, phylogeny, biogeography and evolution as well as with ecology, biology, mountain ranges and their history, physiology and morphology (Appendix, Tab. 1). Out of these 329 papers, 188 treated birds, 114 dealt with Arthropoda, especially Opiliones, and 27 papers referred to various subjects (Fig. 1). Groundwork for his research were his many travels and the material and data he obtained through them. The sheer number of Martens’ voyages led Manfred Grasshoff, former curator of Arachnida, Myriapoda and marine invertebrates in the Senckenberg Research Institute to title Jochen Martens the “last true explorer”. Martens’ 80 travels covered 27 countries, 40 times within Europe and 40 in Asia and New Zealand (Fig. 2), spending 2,631 days, i.e. 9 percent of his hitherto lifetime in traveling! One reason for his wanderlust may be the fact that he went to various places in his schooldays: Weimar, Jena, Bad Godesberg and Stuttgart, followed by studying in Mainz, where he not only obtained his (arachnological) PhD from Prof. Dr Rudolf Braun in 1968, but also habilitated in zoology with an ornithological topic in 1975. Beginning in 1971 he was scientific assistant at the Johannes Gutenberg University Mainz and stayed at this institution during his professorship from 1975 to 2006, and beyond that as senior professor until 2011.

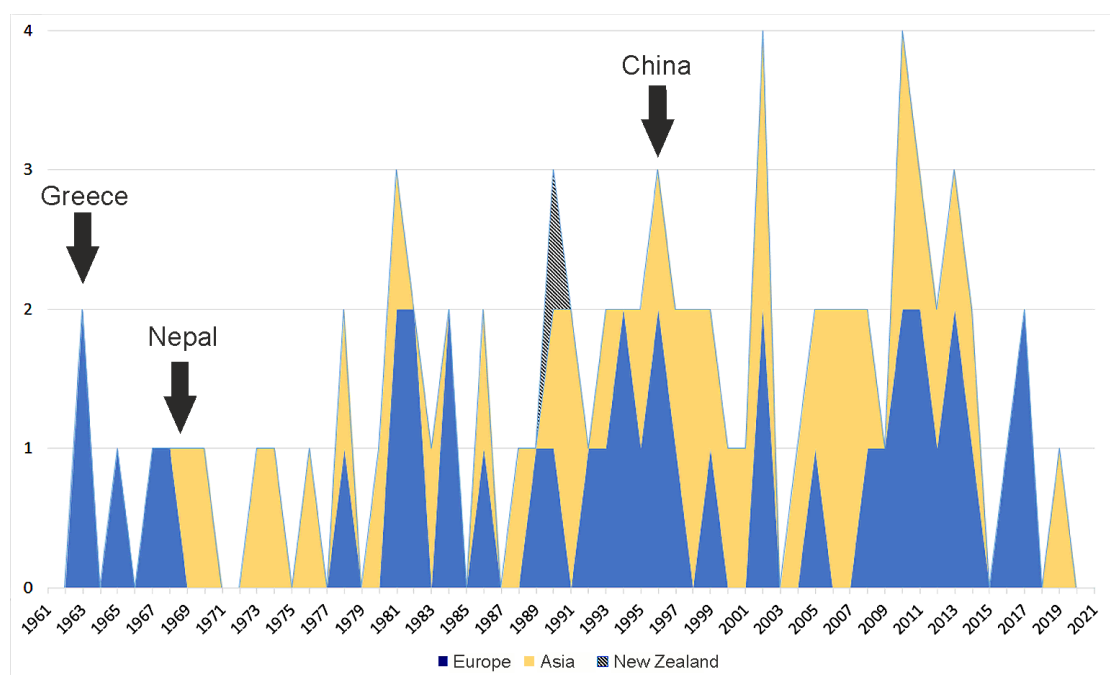


FIGURE 2. Travels of Jochen Martens according to continents/countries. Arrows indicate the first travels to the respective country.

However, from all countries he visited, one was in special focus from 1969 to 2004: Nepal. In today’s language he might be called a “Mega Influencer” for this little country at the southern flanks of the Himalaya. During his many taxonomic explorations Jochen Martens collected an uncounted number of species, hundreds of them were described by him and by many colleagues as new species. He alone described two families, 29 genera, 296 species and one subspecies mainly from Nepal, southern Europe and Central Asia (Fig. 3; Appendix: Tab. 2), summing up to 328 taxa new to zoology. Back from his trips he sorted and diligently labeled the material, contacted specialists and sent it to colleagues willing to examine specimens and revise taxonomic groups included in the collection. All without internet, email or other pleasant services known today! Unsurprising that many colleagues dedicated taxa to Jochen Martens, mostly with the specific epitheton “*martensi*”. A total of 231 taxa acknowledge him as titular Saint, including eleven genera, 219 species, and one subspecies (Fig. 4; Appendix, Tab. 3).

Taxa dedicated to Jochen Martens were described from localities ranging in elevation from sea level to 4900 m. The average elevation was 2198 m indicating the mountaineering character of his various research travels. The species from the highest elevation was *Trechus martensi* Deuve & Hodebert, 1991, a carabid beetle Jochen collected together with Wolfgang Schawaller from “below stones under snow” in an alpine steppe in Nepal (Taplejung District).

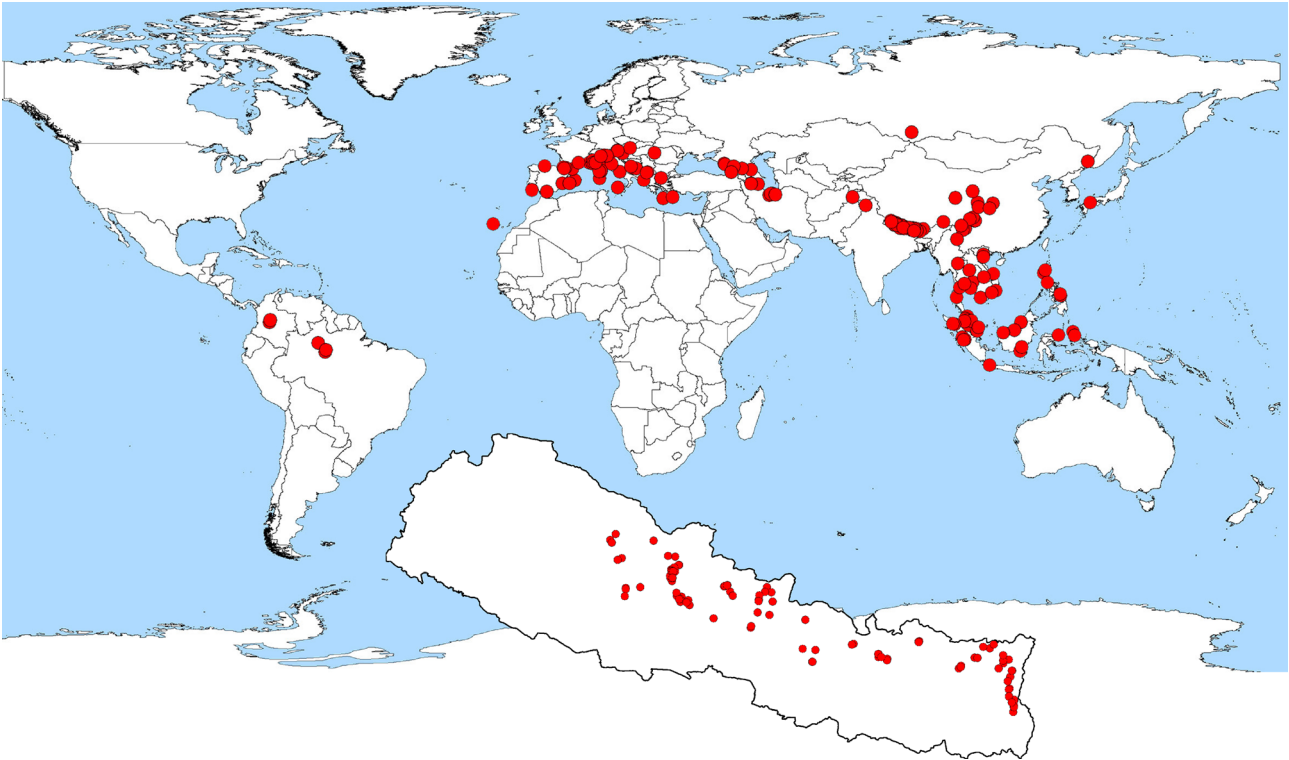


FIGURE 3. Type localities of taxa that were described by Jochen Martens, in the case of genera and families, respective type species were considered. Inset: Nepal. Interactive map available from: <http://axelschoenhofer.weebly.com/martens-taxa.html>

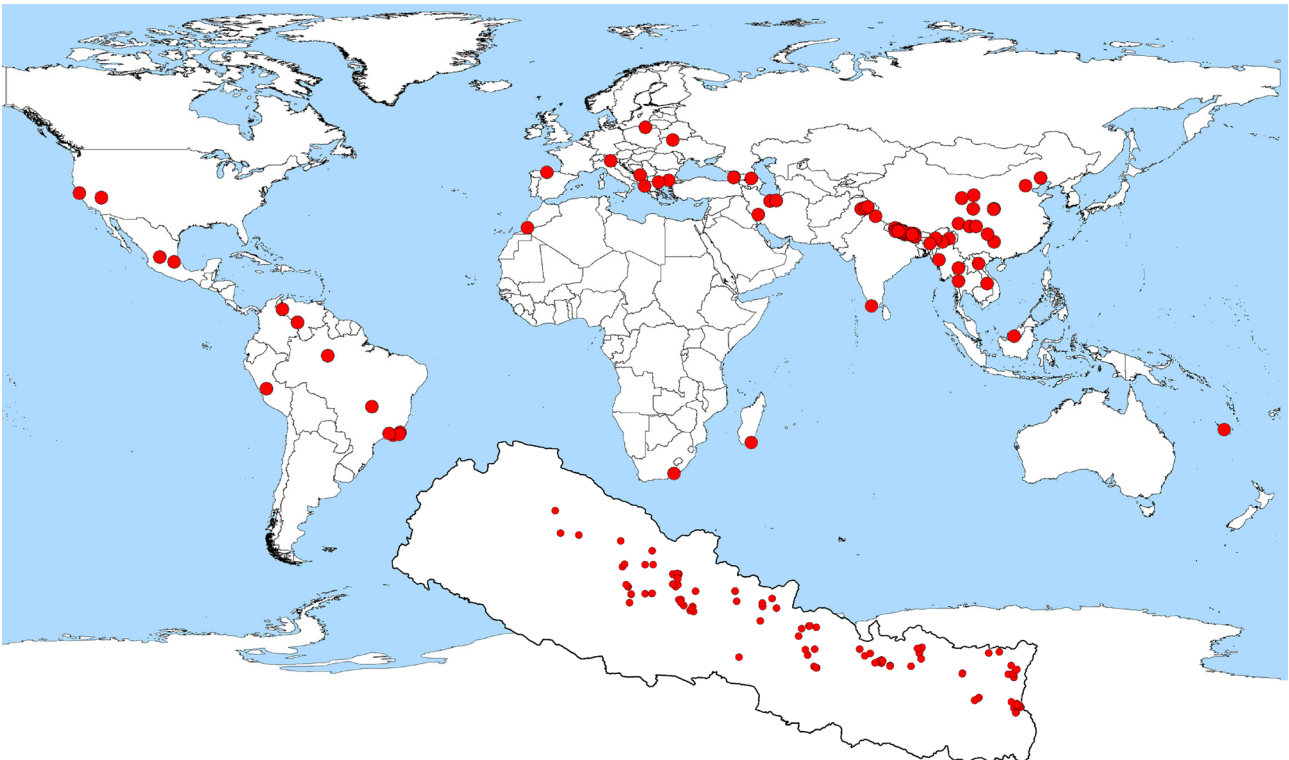


FIGURE 4. Type localities of taxa that were named after Jochen Martens, in the case of genera, respective type species were considered. Inset: Nepal. Interactive map available from: <http://axelschoenhofer.weebly.com/martens-taxa.html>



FIGURE 5. Jochen Martens, participant of the 3rd Congress of European Arachnologists, Senckenberg Museum, Frankfurt, 1965: (1) Tongiorgi, (2) La Touche, (3) Parker, (4) Bonnet, (5) Braun, (6) Weygoldt, (7) Schuster, (8) Buchli, (9) Schaller, (10) Chrysanthus, (11) Grasshoff, (12) Duffey, (13) Kirchner, (14) Krafft, (15) Verner, (16) Verner, (17) Maretic, (18) Zdarek, (19) Marcellino, (20) Heydemann, (21) Alicata, (22) Dresco, (23) Le Guelte, (24) Vlijm, (25) Jezequel, (26) Dumitrescu, (27) Grenot, (28) Kekenbosch, (29) Juberthie, (30) Hubert, (31) Silhavy, (32) Polenec, (33) Kraus, (34) Vachon, (35) Hubert, (36) Harm, (37) Martens, (38) Wiehle, (39) Lehtinen, (40) Haaker, (41) Glatz, (42) Locket, (43) Homann, (44) Jeekel, (45) Heydemann sen., (46) Nemenz, (47) Mikulska, (48) Cooke, (49) Benoit, (50) Richter, (51) Casemir, (52) Kessler, (53) Gabbutt [18a, 21a, 23a, 37a unknown participants]. Photo: E. Haupt.

Research travels were an ideal opportunity to learn the trade from Jochen Martens: from bird-watching (and identifying species by sight or song) to recognizing “good habitats” for arthropods and using various collecting methods, Jochen was always an incredible teacher in the best sense, patient with younger students and beginners, but never lenient in insisting upon scientific quality. He has an admirable way of arousing someone’s curiosity. When PJ travelled with him in China back in the year 1997, focusing on collecting Sparassidae on the southern flanks of the Taibai Shan, Jochen Martens also introduced him to the secrets of ornithology, how to distinguish species upon delicate differences in their songs. Songs of individuals were recorded through his nowadays famous parabolic microphone, and re-played, to attract the specimens in question. The suspense-packed time waiting motionless in the thicket, the liberating moment when the bird appeared and the data acquisition was successful were unforgettable impressions. The same applies to the way Jochen Martens handled small songbirds for taking blood samples: it was amazing to see how he held the fragile bird with his fingers for the procedure and the bird flew away, unscathed, having donated only a few milligrams of blood.

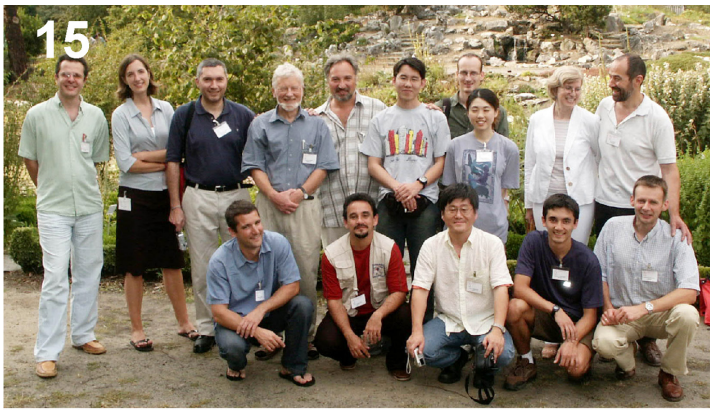


FIGURES 6–10. Jochen Martens, impressions from 1983 to 1988 (6, 8–10 Nepal; 7 Russia). 6 With Wolfgang Schawaller (top left), Beate Martens (top, left of JM, top right) and a sherpa crew at Rupina La (4600 m elevation), 1983. 7 With Sergei Golovatch and Wolfgang Schawaller (right) in Siberia, 1986. 8 With Gabi Geduldig and Wolfgang Schawaller (right) at Pomri La (4800 m elevation), 1988. 9 Crossing Kali Gandaki, the main river separating Annapurna from Dhaulagiri, 1995. 10 Meeting his hosts of 1969 in Tukche, 1995. Photos: W. Schawaller.



FIGURES 11–14. Jochen Martens, impressions from 1997 to 2000 (11–13 China, Shaanxi Province, Taibaishan, 1997; 14 Germany, Mainz, 2000). 11 Camp in bamboo-*Rhododendron* zone (2500 m elevation). 12 Breakfast in Houshenzhi with rather simple equipment; one night cost 1 German Mark per person and night. 13 Playing previously recorded bird songs to the family running a mountain hut; explaining the strange looking parabolic microphone is a good ice-breaker (3000 m elevation). 14 Pulling Peter Jäger after his PhD defense around the zoological institute, a custom metaphorically supporting the first steps of the student into the scientific life. Photos: P. Jäger.

Back in the lab at the Johannes Gutenberg University in Mainz, Germany, Jochen Martens taught further skills: sorting arthropods, writing labels, using dichotomous keys and, most important, producing scientific drawings of taxonomic characters. The most essential message: only if oneself understood a certain morphological structure it can be depicted in a way to relay this information to others. It could take an hour or more, until all details of a tiny three-dimensional construct were really well-understood. But it was always worthwhile to invest time and effort. And only by this time-consuming procedure one could understand the multitude of morphological modifications, to interpret the relationship of taxa involved, the historical meshwork of lineages mirrored by their present diversity, to finally see and understand what evolution left behind.



FIGURES 15–20. Jochen Martens, impressions from 2004 to 2006 (15, 17 Belgium, Ghent, 16th International Congress of Arachnology, 2004; 16 Slovenia, 2004; 18 Germany, Frankfurt, Arachnological meeting, Senckenberg, 2006; 19–20 Germany, Frankfurt, Senckenberg, opening party for the then new collection room, 2004). 15 With (top row from left) Ricardo Pinto-da-Rocha, Sarah Boyer, Luis Acosta, Plamen Mitov, Marcos Hara, Jason Dunlop, Tamami Okada, Ljuba Slona-Novak, Tone Novak, (bottom row from left) Gonzalo Giribet, Abel Pérez-González, Nobuo Tsurusaki, Rodrigo Hirata Willemart, Christian Komposch. 16 With Beate Martens, looking for *Eukoenenia* specimens in the Pilanca cave. 17 With (from left) Plamen Mitov, Beate Martens, Luis Acosta, Tone Novak, Konrad Thaler. 18 With Jörg Wunderlich, talking to K.-H. Harms and G. Langer. 19 Appraising the Opiliones collection on the top shelf. 20 With Ricardo Pinto-da-Rocha and Manfred Grasshoff. Photos: 15–17 C. Komposch, 18–20 P. Jäger.



FIGURES 21–25. Jochen Martens, impressions from 2010 to 2014 (21 Laos, Chamapasak Province, Tad Fane, 2010; 22 China, Qinghai Province, environments of Baiyu, 2013; 23 Italy, Torino, 28th European Congress of Arachnology, 2014; 24 Germany, Frankfurt, 2014; 25 Myanmar, Chin State, Natma Taung, 2014). 21 Ready to go ... 22 With (from left) Yun Fang, Dieter Thomas Tietze, Li Li, Martin Päckert, Tashi Zangpo. 23 With (from left) Barbara Knoflach-Thaler, Jonas Wolff, Siegfried Huber, Plamen Mitov, Christo Deltshv, Theo Blick, Axel Schönhofer. 24 With (from left) Manfred Gasshoff, Peter Jäger, Hirotsugu Ono. 25 In full gear, ready for birdwatching. Photos: 21, 24–25 P. Jäger, 22 M. Päckert, 23 C. Komposch.

In all these years, Jochen Martens became more than a teacher and colleague. His mentoring, help and support was beyond normal professor-student relationships. No wonder that many students and colleagues who got once in touch with him remained connected for a lifetime. Awards, appointments and distinctions indicate how his scientific activities were acknowledged in various institutions: he was appointed as honorary associate of the Senckenberg Research Society in 1973, was General Secretary of the Ornithological Society from 1980 to 1987, was ombudsman of the “Studienstiftung des Deutschen Volkes“ for university students from 1993 to 2007, received the Ornithology Award of the German Ornithological Society for his lifetime achievements in 2005 and was appointed as visiting professor of the Hainan Normal University, China in 2006. The combination of his scientific oeuvre and his humble and humorous kind makes him a very special person.

The authors would like to thank Jochen Martens for his guidance during their biological studies, his patience and fatherly care. We congratulate him on occasion of his 80th birthday and wish him many more years to come for doing research, hiking through wonderful landscapes and enjoying his life with his family!

Acknowledgements

We thank his wife Beate Martens for being our “whistle-blower”, telling details, compiling lists of publications and for the “permanent loan” of her husband to the scientific community! Moreover, we thank all contributors of photographs that enabled such vivid insights and impressions of Jochen Martens’ life: Wolfgang Schawaller (Stuttgart) and Chri Komposch (Graz). Moreover, we thank Bill Shear (Farmville) for polishing our English!



FIGURES 26–28. Jochen Martens, impressions from 2014 to 2018 (26–27 Germany, Frankfurt, Senckenberg; 28 Italy, Torino, 28th European Congress of Arachnology, 2014). 26 Examining harvestmen in the old Arachnology section room shortly before moving to the new building, 2017. 27 With (from left) Beate Martens, Manfred Grasshoff, Monika Grasshoff during the opening ceremony of the new Arachnology section rooms, 2018. 28 With Beate Martens. Photos: 26–27 P. Jäger, 28 C. Komposch.

APPENDIX

TABLE 1: Literature published by Jochen Martens until now (according to subjects with total number of papers in square brackets).

Ornithology [188]

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TABLE 2: List of taxa described by Jochen Martens until now (in alphabetical order within higher taxa; genera underlined, families double underlined; with total numbers in square brackets). Total: 2 families, 29 genera, 296 species, 1 subspecies (= 328 taxa).

ARACHNIDA

Acari [19 species]

Carinogalumna alineata Ermilov & Martens 2014
Eremaeus anichkini Ermilov & Martens 2014
Galumna tetraporosa Ermilov, Martens & Tolstikov 2014
Ghilarovizetes longiporosus Ermilov & Martens 2014
Lasiobelba daamsae Ermilov, Shtanchaeva, Subias & Martens 2014
Lasiobelba nepalica Ermilov, Shtanchaeva, Subias & Martens 2014
Lepidozetes acutirostrum Ermilov, Martens & Tolstikov 2013
Metapyropia gigantea Ermilov & Martens 2014
Neoribates parabulanovae Ermilov & Martens 2014
Neoribates paramacrosacculatus Ermilov & Martens 2014
Neoribates pararotundus Ermilov & Martens 2014
Oribatella paraumaetluisorum Ermilov & Martens 2014
Pergalumna minituberculata Ermilov & Martens 2014
Perscheloribates nepalensis Ermilov & Martens 2014
Scutozetes clavatosensillus Ermilov, Martens & Tolstikov 2013
Taiwanoppia nepalica Ermilov & Martens 2014
Taiwanoppia paranepalica Ermilov & Martens 2014
Uracrobates truncatus Ermilov & Martens 2015
Vilhenabates schawalleri Ermilov & Martens 2014

Araneae [40 species]

Draconarius beloniforis Wang & Martens 2009
Draconarius bifarius Wang & Martens 2009
Draconarius brevicarenos Wang & Martens 2009
Draconarius capitellus Wang & Martens 2009
Draconarius communis Wang & Martens 2009
Draconarius condocephalus Wang & Martens 2009
Draconarius confusus Wang & Martens 2009
Draconarius contiguus Wang & Martens 2009
Draconarius cylindratus Wang & Martens 2009
Draconarius dapaensis Wang & Martens 2009
Draconarius distinctus Wang & Martens 2009
Draconarius dorsicephalus Wang & Martens 2009
Draconarius gorkhaensis Wang & Martens 2009
Draconarius latiforus Wang & Martens 2009
Draconarius meganiger Wang & Martens 2009
Draconarius microcoelotes Wang & Martens 2009
Draconarius panchtharensis Wang & Martens 2009
Draconarius paraepisomos Wang & Martens 2009
Draconarius phulchokiensis Wang & Martens 2009
Draconarius pseudogurkha Wang & Martens 2009
Draconarius pseudomeganiger Wang & Martens 2009
Draconarius sacculus Wang & Martens 2009
Draconarius schawalleri Wang & Martens 2009
Draconarius semicirculus Wang & Martens 2009
Draconarius seorsus Wang & Martens 2009
Draconarius simplicifolis Wang & Martens 2009
Draconarius spinosus Wang & Martens 2009
Draconarius subconfusus Wang & Martens 2009
Draconarius subepisomos Wang & Martens 2009

Draconarius subrotundus Wang & Martens 2009
Draconarius taplejungensis Wang & Martens 2009
Draconarius testudinatus Wang & Martens 2009
Draconarius tinjuraensis Wang & Martens 2009
Draconarius tritos Wang & Martens 2009
Draconarius volutobursarius Wang & Martens 2009
Ozyptila lutosa Ono & Martens 2005
Ozyptila makidica Ono & Martens 2005
Xysticus logunovi Ono & Martens 2005
Xysticus marusiki Ono & Martens 2005
Xysticus pieperi Ono & Martens 2005

Opiliones [262 taxa: 231 species, 29 genera, 2 families]

“Genus” *enigmaticus* Martens 1969
“*Metassamia*” *nepalica* Martens 1977
Amilenus Martens 1969
Anelasmaocephalus balearicus Martens & Chemini 1988
Anelasmaocephalus brignolii Martens & Chemini 1988
Anelasmaocephalus calcaneatus Martens & Chemini 1988
Anelasmaocephalus hadzii Martens 1978
Anelasmaocephalus osellai Martens & Chemini 1988
Anelasmaocephalus pyrenaicus Martens 1978
Anelasmaocephalus tenuiglandis Martens & Chemini 1988
Anelasmaocephalus tuscus Martens & Chemini 1988
Asiolasma Martens 2019
Asiolasma billsheari Martens 2019
Asiolasma juergengruberi Martens 2019
Asiolasma schwendingeri Martens 2019
Assaphalla Martens 1977
Assaphalla peralata Martens 1977
Ausobskya Martens 1972
Ausobskya athos Martens 1972
Biantes annapurnae Martens 1978
Biantes brevis Martens 1978
Biantes calyptroideus Gong, Martens & Zhang 2020
Biantes dilatatus Martens 1978
Biantes gandaki Martens 1978
Biantes gandakoides Martens 1978
Biantes ganesh Martens 1978
Biantes godavari Martens 1978
Biantes gurung Martens 1978
Biantes jirel Martens 1978
Biantes kathmandicus Martens 1978
Biantes magar Martens 1978
Biantes newar Martens 1978
Biantes pernepalicus Martens 1978
Biantes rarensis Martens 1978
Biantes sherpa Martens 1978
Biantes simplex Martens 1978
Biantes spatulatus Gong, Martens & Zhang 2020
Biantes thakkhali Martens 1978
Biantes thamang Martens 1978
Biantoncopus Martens & Schwendinger 1998
Biantoncopus fuscus Martens & Schwendinger 1998
Brasilogovea Martens 1969

- Brasiliogovea microphaga* Martens 1969
Caenoncopus Martens & Schwendinger 1998
Caenoncopus affinis Martens & Schwendinger 1998
Caenoncopus tenuis Martens & Schwendinger 1998
Caucnemastoma Martens 2006
Caucnemastoma golovatchi Martens 2006
Centetostoma juberthiei Martens 2011
Dhaulagiri Martens 1977
Dhaulagiri altitudinalis Martens 1977
Euepedanus dashdamirovi Zhang & Martens 2020
Fissiphalliidae Martens 1988
Fissiphallius Martens 1988
Fissiphallius spinulatus Martens 1988
Fissiphallius sturmi Martens 1988
Fissiphallius sympatricus Martens 1988
Gagrella annapurnica Martens 1987
Gagrella franzi Martens 1987
Gagrella tinjurae Martens 1987
Giljarovia thoracocornuta Martens 2006
Giljarovia triangula Martens 2006
Giljarovia trianguloides Martens 2006
Giljarovia vestita Martens 2006
Globulosoma Martens 1987
Globulosoma gandakense Martens 1987
Globulosoma montivaga Martens 1987
Gnomulus annamiticus Schwendinger & Martens 2006
Gnomulus asli Martens & Schwendinger 1998
Gnomulus bedoharvengorum Schwendinger & Martens 2006
Gnomulus carinatus Schwendinger & Martens 2002
Gnomulus claviger Schwendinger & Martens 2002
Gnomulus coniceps Martens & Schwendinger 1998
Gnomulus crassipes Schwendinger & Martens 2002
Gnomulus crucifer Martens & Schwendinger 1998
Gnomulus dalat Schwendinger & Martens 2006
Gnomulus exsudans Schwendinger & Martens 2002
Gnomulus hamatus Schwendinger & Martens 2002
Gnomulus hirsutus Martens & Schwendinger 1998
Gnomulus hutan Schwendinger & Martens 2002
Gnomulus javanicus Schwendinger & Martens 2002
Gnomulus laruticus Martens & Schwendinger 1998
Gnomulus latoperculum Schwendinger & Martens 2002
Gnomulus lemniscatus Schwendinger & Martens 2006
Gnomulus leofeae Schwendinger & Martens 2002
Gnomulus leyteensis Martens & Schwendinger 1998
Gnomulus lomani Schwendinger & Martens 2002
Gnomulus maculatus Martens & Schwendinger 1998
Gnomulus marginatus Schwendinger & Martens 2002
Gnomulus matabesar Schwendinger & Martens 2002
Gnomulus monticola Schwendinger & Martens 2002
Gnomulus obscurus Schwendinger & Martens 2002
Gnomulus pilosus Schwendinger & Martens 2002
Gnomulus rostratoideus Schwendinger & Martens 2002
Gnomulus ryssie Schwendinger & Martens 2002
Gnomulus saetosus Schwendinger & Martens 2006
Gnomulus sinensis Schwendinger & Martens 2002
Gnomulus spiniceps Schwendinger & Martens 2002
Gnomulus tuberculatus Schwendinger & Martens 2002
Gnomulus tumidifrons Schwendinger & Martens 2002
Graecophalangium cretaeum Martens 1966
Granulosoma Martens 1973
Granulosoma dissimile Martens 2018
Granulosoma umidulum Martens 1973
Gyoides Martens 1982
Gyoides gandaki Martens 1982
Gyoides geometricus Martens 1982
Gyoides himaldispersus Martens 1982
Gyoides maximus Martens 1982
Gyoides rivorum Martens 1982
Gyoides tibioncinatus Martens 1982
Harmanda arunensis Martens 1987
Harmanda beroni Martens 1987
Harmanda corrugata Martens 1987
Harmanda instructa bhutanensis Martens 1987
Harmanda instructa lineatocoxa Martens 1987
Harmanda khumbua Martens 1987
Harmanda latehippiata Martens 1987
Harmanda medioimmicans Martens 1987
Harmanda nigrolineata Martens 1987
Harmanda periscopos Martens 2018
Himaldroma Martens 1987
Himaldroma altus Martens 1987
Himaldroma pineti Martens 1987
Himalphalangium Martens 1973
Himalphalangium curvatum Martens 2018
Himalphalangium dolpoense Martens 1973
Himalphalangium suzukii Martens 1973
Himalphalangium unistriatum Martens 1973
Himalzaleptus Martens 1987
Himalzaleptus quinqueconicus Martens 1987
Holoscotolemon lessiniense Martens 1978
Holoscotolemon oreophilum Martens 1978
Ischyropsalis alpinula Martens 1978
Ischyropsalis lithoclasica Schönhofer & Martens 2010
Kalliste pavonum Martens 2018
Leiobunum apennanicum (Martens 1969)
Leytpodoctis Martens 1993
Leytpodoctis oviger Martens 1993
Mediostoma armatum Martens 2006
Mediostoma nigrum Martens 2006
Mediostoma variabile Martens 2006
Megabunus vignai Martens 1978
Metagovea oviformis Martens 1969
Metaplatybunus petrophilus Martens 1965
Metaverpulus bhutanicus Martens 1987
Metaverpulus kanchensis Martens 1987
Metaverpulus multidentatus Martens 2015
Metaverpulus persimilis Martens 1987
Micrassamula Martens 1977
Micrassamula jumliensis Martens 1977
Micrassamula thak Martens 1977
Nelima adelheidiana Martens 1965
Nelima hispana Martens 1969
Nelima ponticoides Martens 1969
Nelima recurvipenis Martens 1969
Nemaspela femorecurvata Martens 2006
Nemastoma bidentatum relictum Gruber & Martens 1968

- Nemastoma bidentatum sparsum* Gruber & Martens 1968
Nemastoma schuelleri Gruber & Martens 1968
Nemastoma transsylvanicum Gruber & Martens 1968
Nepalgrella Martens 1987
Nepalgrella kortaliensis Martens 1987
Nepalgrella yamputhini Martens 1987
Nepalkanchia Martens 1990
Nepalkanchia pluviostylis (Martens 1987)
Nepalkanchia silvicola (Martens 1987)
Nepalsia Martens 1977
Nepalsia betula Martens 1977
Nepalsia picea Martens 1977
Nepalsia rhododendron Martens 1977
Nepalsioides Martens 1977
Nepalsioides angusta Martens 1977
Nepalsioides thodunga Martens 1977
Nipponopsalis Martens & Suzuki 1966
Opilio himalincola Martens 1973
Palaeoncopus Martens & Schwendinger 1998
Palaeoncopus gunung Martens & Schwendinger 1998
Palaeoncopus katik Martens & Schwendinger 1998
Palaeoncopus kerdil Martens & Schwendinger 1998
Paranemastoma iranicum Martens 2006
Pashokia maxima Martens 1977
Pashokia mutatrix Martens 1977
Pashokia silhavyi Martens 1977
Pelitus hyatti Martens 1977
Platybunus alpinorelictus Martens 1978
Plistobunus jaegeri Zhang & Martens 2020
Pokhara kathmandica Martens 1978
Pokhara minuta Martens 1977
Pokhara occidentalis Martens 1987
Pokhara quadricornica Martens 1987
Pokhara trisulensis Martens 1987
Pokhara uenoi Martens 1987
Propyogopus siwalik Martens 1977
Pseudastrobunus Martens 1973
Pseudastrobunus perpusillus Martens 1973
Rongsharia dhaulagiri Martens 1982
Rongsharia dispersa Martens 1982
Sabacon aigoual Martens 2015
Sabacon altomontanus Martens 1983
Sabacon beatae Martens 2015
Sabacon beishanensis Martens 2015
Sabacon chomolongmae Martens 1972
Sabacon dhaulagiri Martens 1972
Sabacon jaegeri Martens 2015
Sabacon jiriensis Martens 1972
Sabacon kangding Martens 2015
Sabacon maipokhari Martens 2015
Sabacon minshanensis Martens 2015
Sabacon minutissimus Martens 2015
Sabacon monacanthus Zhao, Martens & Zhang 2018
Sabacon multiserratus Martens 2015
Sabacon nishikawai Martens 2015
Sabacon palpogranulatus Martens 1972
Sabacon pauperoserratus Martens 2015
Sabacon petarberoni Martens 2015
Sabacon picosantrum Martens 1983
Sabacon relictoides Martens 2015
Sabacon relictus Martens 1972
Sabacon rossopacificus Martens 2015
Sabacon rupinala Martens 2015
Sabacon schawalleri Martens 2015
Sabacon sergeidedicatus Martens 1989
Sabacon simbuakhola Martens 2015
Sabacon sineglandula Martens 2015
Sabacon suzukii Zhao, Martens & Zhang 2018
Sabacon thakkolanus Martens 2015
Sabacon unicornis Martens 1972
Sabacon viscayanus ramblaianus Martens 1983
Saccarella schilleri Schönhofer & Martens 2012
Sandokan expatriatus (Schwendinger & Martens 2004)
Sandokan lingga (Schwendinger & Martens 2004)
Sandokan malayanus (Schwendinger & Martens 2004)
Sandokan tiomanensis (Schwendinger & Martens 2004)
Sericicorpus Martens 1987
Sericicorpus nigrum Martens 1987
Sinostoma Martens 2016
Sinostoma yunnanicum Martens 2016
Starengovia ivanloebli Martens 2017
Starengovia quadrituberculata Zhang & Martens 2018
Suthepiidae Martens 2020
Suthepia Martens 2020
Suthepia inermis Martens 2020
Thunbergiae gretae Martens 2020
Toccolus kuryi Zhang & Martens 2020
Trogulus balearicus Schönhofer & Martens 2008
Trogulus cisalpinus Chemini & Martens 1988
Trogulus huberi Schönhofer & Martens 2008
Trogulus karamanorum Schönhofer & Martens 2009
Trogulus megaligrava Schönhofer, Karaman & Martens 2013
Trogulus melitensis Schönhofer & Martens 2009
Trogulus ozimeci Schönhofer, Karaman & Martens 2013
Trogulus pharensis Schönhofer & Martens 2009
Trogulus prietoi Schönhofer & Martens 2008
Trogulus pyrenaicus Schönhofer & Martens 2008
Trogulus tenuitarsus Schönhofer, Karaman & Martens 2013
Trogulus thaleri Schönhofer & Martens 2009
Vestiferum Martens 2006
Vestiferum alatum Martens 2006
Xerogrella Martens 1987
Xerogrella dolpensis Martens 1987
Zaleptiolus ater Martens 1987

AVES [6 species, 1 subspecies]

- Pnoepyga immaculata* Martens & Eck 1991
Seicercus omeiensis Martens, Eck, Päckert & Sun 1999
Regulus regulus ellenthalerae Päckert, Dietzen, Martens, Wink & Kvist 2006
Periparus ater eckodedicatus Martens, Tietze & Sun 2006
Phylloscopus occisinensis Martens, Sun & Päckert 2008
Phylloscopus affinis perflavus Martens, Sun & Päckert 2008
Emberiza cia flemingorum Martens 1972

TABLE 3: Taxa honouring Jochen Martens until now (in alphabetical order within higher taxa, genera underlined). Total: 11 genera, 219 species, 1 subspecies [=231 taxa]

ARACHNIDA

Acari [2 species]

Malgacheliodes martensi Ermilov, Hogo-Coetzee & Khaustov 2021
Plonaphacarus martensi Niedbala 2014

Araneae [29 species, 4 genera]

Agyneta martensi Tanasevitch 2006
Artema martensi Huber 2021
Belisana martensi Yao & Li 2013
Brignoliella martensi Brignoli 1972
Camptoscaphiella martensi Baehr 2010
Chalcoscirtus martensi Zabka 1980
Conothele martensi Decae, Schwendinger & Hongpadharakiree 2021
Ctenus martensi Jäger 2012
Dysdera martensi Dunin 1991
† *Furcembolus martensi* Jiang & Li 2021
Harpactea martensi Dunin 1991
Hersilia martensi Baehr 1993
Himalafurca martensi Tanasevitch 2021
Himalaphantes martensi Thaler 1987
Himalayana martensi Grismado 2014
Himalcoelotes martensi Wang 2002
Himalmartensus Wang & Zhu 2008
Himalmartensus martensi Wang & Zhu 2008
Iardinis martensi Brignoli 1978
Leptonetela martensi Zhu & Li 2021
Malinella martensi Ono 1983
Martensikara Jäger 2021
Martensikara jocheni Jäger 2021
Martensinus Wunderlich 1973
Martensopoda Jäger 2006
Mughiphantes martensi Tanasevitch 2006
Pardosa martensi Buchar 1978
Pseudopoda martensi Jäger 2001
† *Spatiator martensi* Wunderlich 2006
Suffasia martensi Ono 2006
Synagelides martensi Bohdanowicz 1987
Walckenaeria martensi Wunderlich 1972
Xysticus martensi Ono 1978

Opiliones [22 species, 3 genera]

Anarthrotarsus martensi Šilhavý 1967
Caucnemastoma martensi Snegovaya 2011
Cyphophthalmus martensi Karaman 2009
Euphalangium martensi Das & Bastawade 2006
Fissiphallius martensi Pinto-da-Rocha 2004
Homolophus martensi Staręga 1986
Jime praecursor Villareal, Kury & Colmenares 2021
Marayniocus martensi Acosta 2006
Martensiellus Schwendinger 2006
Martensolasma Shear 2006
Martensolasma jocheni Shear 2006
Martensopsalis Giribet & Baker 2021

† *Mesobunus martensi* Huang, Selden & Dunlop 2009
Metaphalangium martensi Mitov, Perkovsky & Dunlop 2021
Phalangium martensi Snegovaya, Cokendolpher & Zamani 2021
Pseudopachylus martensi Kury 2006
Sabacon martensi Tsurusaki & Song 1993
Sinonychia martensi Zhang & Derkarabetian 2021
Spinopilar jocheni Kury & Araujo 2021
Spinopilar magistralis Kury & Araujo 2021
Spinopilar martialis Kury & Araujo 2021
Stenostygnus martensi Mamani, Porto, Iglesias & Perez-Gonzalez 2021
Texella martensi Ubick 2021
Trogulus martensi Chemini 1983
Umbopilio martensi Klimes 2006

Pseudoscorpiones [3 species]

Ceriochernes martensi Beier 1974
Dactylochelifera martensi Dashdamirov 2006
Stenohya martensi Schawaller 1987

Scorpiones [2 species]

Ananteris martensi Lourenço 2021
Himalayotityobuthus martensi Lourenço 1997

AVES [1 subspecies]

Parus (Periparus) ater martensi Eck 1998

CRUSTACEA

Amphipoda [1 species]

Gammarus martensi Hou & Li 2004

Copepoda [1 species]

Parbatocamptus jochenmartensi Dumont & Maas 1988

Isopoda [2 species]

Pseudorthometopon martensi Schmalzfuss 1986
Rennelloscia martensi Vandel 1973

INSECTA

Archaeognatha [1 species]

Machilontus martensi Sturm 1990

Coleoptera [110 species, 1 genus]

Agathidium martensi Angelini & De Marzo 1983
Agathidium martensianum Angelini & De Marzo 1994
Amara martensi Hieke 1981
Amaurodera martensi Coiffait 1982
Amerizus martensi Queinnee & Perreau 2002
Anisotoma martensi Angelini & De Marzo 1994
Aphodius (Plagiogonus) martensi Stebnicka 1986
Aphthonaria martensi Medvedev 1990
Apophyllia martensi Bezděk 2003
Atheta (Microdota) martensiella Pace 1987
Dugylen martensi (Mascagni 1990)

- Bacanius martensi* Gomy 1992
Baeocera martensi Löbl 1992
Blabs martensi Skopin 1978
Calathus martensi Schmidt 1999
Calosoma davidi martensi Paulus 1971
Catops martensi Perreau 1992
Cephennodes martensi Jaloszyński 2017
Cephennodes paramartensi Jaloszyński 2017
Coelostoma martensi Hebauer 2002
Conapion martensi Korotyaev 1987
Conapium martensi Korotyaev 1987
Corticaria martensi Johnson 1977
Cryptophagus martensi Sen Gupta 1980
Cychropsis martensi Heinz 1994
Dermestes undulatus martensi Kalik
Dianous martensi De Rougemont 1983
Dima martensi Schimmel & Platia 1991
Edaphus martensi Puthz 1987
Elaphropus martensi Baehr 2016
Emmelostiba martensiana Pace 1987
Encephalus (Ophnebioidea) martensi Pace 1987
Epuraea martensi Kirejtshuk 1989
Euconnus (Napochus) martensis Franz 1971
Euconnus martensianus Franz 1971
Euconnus paramartensianus Franz 1985
Eusphalerum martensi Zanetti 2003
Falsopodabrus martensi Wittmer 1979
Freudeia martensi Kaszab 1977
Gabrius martensi Schillhammer 1997
Geotrupes martensi Krikken 1981
Gonocephalum martensi Kaszab 1977
Gunvorita martensi Casale 1985
Hydaticus martensi Wewalka 1972
Hydraena martensi Skale & Jäch 2009
Hydroporus martensi Brancucci 1981
Ischalia martensi Paulus 1971
Isomira martensi Novák 2014
Labidostomis martensi Medvedev 1983
Laemoglyptus martensi Kazentsev 2009
Laemostenus (Antisphodrus) martensi Casale 1980
Laemostenus (Pristonychus) martensianum Casale 1988
Laena jocheni Schawaller 2006
Laena martensi Kaszab 1973
Lederina martensi Nikitsky 1994
Leptusa (Drepanoleptusa) martensi Pace 1987
Limnobaris martensi Korotyaev 2014
Liogluta martensi Pace 1987
Martensomela Medvedev 1984
Megarthritis martensi Coiffait 1982
Melanotus martensi Platia & Schimmel 2001
Microscydmus martensi Franz 1971
Microserica martensi Ahrens 1998
Monolepta martensi Medvedev 1992
Myrmecopora martensi Pace 1984
Nacerdes martensi Švihla 1973
Nebria martensi Huber & Schmidt 2012
Nepalota martensi Pace 1987
Niphadonyx martensi Zherichin 1987
Nodina martensi Medvedev 1992
Nothochodaeus martensi Huchet 2020
Oncosomechusa martensi Pace 1987
Oomorphoides martensi Medvedev 1990
Oxypoda martensi Pace 1984
Paederidus martensi Coiffait 1982
Pelioptera martensi Pace 1987
Pelioptera martensianum Pace 1987
Penia martensi Schimmel & Platia 1991
Phacophallus martensi Bordoni 2002
Placusa martensi Pace 1987
Platydema martensi Schawaller 1994
Pseudoplandria martensi Pace 1987
Pterostichus martensi Straneo 1977
Punicealis martensi Kasantsev 1993
Pyrrhalta martensi Medvedev & Sprecher-Uebersax 1999
Quedius (Microsaurus) martensi Smetana 1975
Scydmaenus martensi Franz 1971
Scydmaenus paramartensis Franz 1971
Scymnus martensi Canepari 1997
Silesis martensi Platia & Schimmel 1991
Silpha martensi Emetz & Schawaller 1975
Someira martensi Bordoni 2002
Stenaesthetus martensi Puthz 1987
Stenus martensi Puthz 1983
Stenus martensianus Puthz 2013
Strongylium martensi Masumoto & Schawaller 2010
Tachinus (Tachinoderus) martensi Coiffait 1982
Tachyporus martensi Coiffait 1982
Taizonia martensi Medvedev 1984
Taumacera martensi (Medvedev 1990)
Thoracostrongylus martensi Coiffait 1982
Thyrecephalus jocheni Bordoni 2002
Tiruka martensi Queinnet & Perreau 2002
Tomoderus martensi Uhmman 1982
Trechus martensi Deuve & Hodebert 1991
Trichoglossina martensi Pace 1987
Trichotichnus martensi Kataev & Schmidt 2017
Tropimenelytron martensianum Pace 1987
Xanthalia martensi Merkl 1991
Xantholinus martensi Bordoni 1983
Zabrus martensi Freude 1986
Dermaptera [2 species]
Aborolabis martensi Brindle 1987
Allodahlia martensi Brindle 1974

Diptera [1 species]
Dixa martensi Wagner 1983

Ephemeroptera [2 species]
Caenis martensi Malzacher 2018
Iron martensi Braasch 1981

Heteroptera [7 species]
Bengalaria martensi Vásárhelyi 1986
Geovelgia martensi Zimmermann 1984
Kokeshia martensi Štys 1985
Lygus martensi Aglyamzyanov 2003

Orius (Heterorius) martensi Péricart 1987
Phorticus martensi Kerzhner 1992
Thaicoris martensi Péricart 2000

Hymenoptera [2 species]

Myrmica martensi Radchenko & Elmes 1998
Psithyrus (Eopsithyrus) martensi Tkalcu 1974

Odonata [1 species]

Orthetrum martensi Asahina 1978

Orthoptera [1 species]

Formosatettix martensi Ingrisch 2001

Psocoptera [2 species]

Caecilius martensi New 1983
Psococerastis martensi New 1987

Siphonaptera [1 species]

Ctenophyllus martensi Smit 1974

MOLLUSCA

Gastropoda [3 species]

Bathyptychia martensi Nordsieck 2001
Montiphaedusa martensiana Nordsieck 1973
Quadriplicata lederi martensi Nordsieck 1984

MYRIAPODA

Chilopoda [2 species]

Lithobius (Ezembius) martensi Eason 1989
Otostigmus (Otostigmus) martensi Lewis 1992

Diplopoda [21 species, 3 genera]

Albanoglomus martensi Golovatch 1981
Beronodesmoides martensi Golovatch 2016
Beronodesmus martensi Golovatch et al. 2016
Epanerchodus martensi Golovatch 2014
Gonobelus martensi Golovatch 2013
Hedinomorpha martensi Golovatch 2014
Hedinomorpha martensorum Golovatch 2021
Kelemepekia martensi Strasser 1974
Kophosphaera martensi Wesener 2015
Martenseya Shear 2021
Martensodesmus Golovatch 1987
Martensosoma Golovatch 1992
Nepalmatoiulus martensi Enghoff 1987
Nepalotretus martensi Golovatch 1987
Nopoiulus (Paranopoiulus) martensi Enghoff 1984
Ommatoiulus martensi Mauriès 1969
Pacidesmus martensi Golovatch & Geoffroy 2006
Paranedyopus martensi Golovatch 1990
Persedicus martensi Mauriès 1982
Polydesmus mediterraneus martensi Strasser 1967
Riukiaria martensi Golovatch 2014
Sholaphilus martensi Golovatch 1986
Tetracentrosternus martensi Golovatch 2016
Tianella martensi Shear 1979

Pauropoda [1 species]

Sphaeropauropus martensi Scheller 2000