

Western Hermann's Tortoise
(Testudo hermanni hermanni)
North American Regional Studbook

4th Edition, 2019



Current through 31 March 2019

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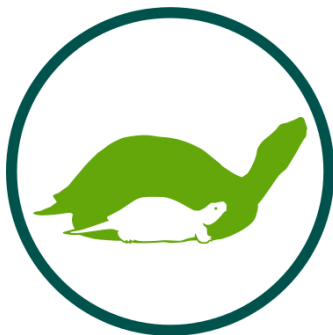
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Cover Image: Adult female *Testudo hermanni hermanni* from Apulia, Italy. Photo by Chris Leone.

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4TH EDITION UPDATES & CHANGES

Testudo hermanni hermanni remains one of Western Europe's most endangered reptiles at present. Its wild populations are more targeted than ever by poachers as an interest concerning locality specific specimens is on the rise. Our work with this fascinating tortoise persists as the most in-depth coverage they have ever received in the United States. Founder animals for the North American Regional Studbook have proven to thrive and be rather prolific. Young have also survived long term with some having already reached sexual maturity. We have learned a plethora of valuable information concerning reproduction, seasonal behavior changes, the rearing of young and overall health. In addition to this, we have also gathered more information on the differences between the locale forms of *T. h. hermanni*. While the physical distinction between local forms still rests as difficult to the untrained eye, we have gained a better handle on this through genetic sampling, corresponding regularly with field researchers, and by comparing specimens in the flesh daily.

Over the course of the last few years we have seen *Testudo hermanni hermanni* receive a considerable amount of abuse from the pet trade. The captive propagation of this tortoise is paramount to its ultimate survival outside of nature, but it should only be done responsibly. With the aforementioned rise in the interest for locality-specific Hermann's tortoises, collectors have taken full advantage of offering specimens with little to no background as something they most likely are not, for the sake of making sales. More hybrids have turned up across the globe including the United States and they have become a threat to this very studbook, as well as others. We have gone deeply into cleaning up this studbook while taking note of overrepresented blood-lines, questionable animals and those with no genetic background. We have also chosen to comply with the European Studbook Foundation and follow similar rules for the proper preservation of *Testudo hermanni hermanni*. We thank them deeply for their support and kind words regarding our efforts.

The Hermann's tortoise and the Testudo hermanni hermanni in particular is an endangered tortoise distributed in fragmented populations across the Mediterranean and in desperate need of having a better understanding about his genetic structure in order to undertake adequate conservation initiatives.

Chris has been on the forefront of preserving this subspecies by subjecting his own breeding groups to genetic testing and by offering genetically healthy captive bred specimens. Therefore, the European Studbook is delighted to see that Chris, Steve and Casey will re-launch the North America Regional Studbook for this species.

Captive individuals deserve more attention in understanding their genetic complexity so it only makes sense that both the European Studbook and the North American Studbook will maintain a close relationship to achieve our mutual goal; Management of genetically healthy breeding programs with the focus of preserving and conserving them.

Laurens Woldring, President, European Studbook Foundation

Koen Boogaerts, Testudo Hermann Hermann Studbook Keeper, European Studbook Foundation

Floris Visser, Testudo Hermann Hermann Studbook Keeper, European Studbook Foundation

The intention of this studbook is to preserve this endangered chelonian and to keep track of legitimate specimens. In this new edition of the studbook, you will notice several major changes that have been made to make sure the studbook meets its intention. Details of each change follow.

- 1) The studbook is now broken down into management units (MUs) instead of each local form having its own page.
- 2) A color icon next to each specimen.
- 3) Brand new studbook numbers.
- 4) Rules & Regulations

Management Units

Through studies on wild specimens, researchers have broken down the western Hermann's tortoise into management units (MU) for conservation based on genetic findings. We have mimicked this by creating similar units for the preservation of these historic local forms in the United States. This does not suggest that local forms should be bred to each other, it simply targets a better way to manage the animals within the book. In fact, any offspring from forms that have been cross-bred will **not** be entered into this studbook. There will be no exceptions.

- **MU1: Peninsular Italy & Calabria** – This MU encompasses the entire mainland of the Italian Peninsula. The tortoises found here all follow a similar standard both genetically and phenotypically except for Calabria. In 2018, studies revealed that some populations of *T. h. hermanni* found in Calabria are a new genetic cluster. It is highly advised that this form remains nothing less than pure. Calabrian specimens are included in this MU since they naturally occur on the peninsula.
- **MU2: Insular Italy & Corsica** – The Italian islands of Sardinia and Sicily as well as the French island of Corsica hold populations of *Testudo hermanni hermanni* which are very similar. Corsica remains a genetic hotbed, more so than the other two islands, but similarities between all three are at times easily recognizable. In contrast, a few of Sicily's populations are quite unique with tortoises being some of the smallest on record. At the same time, some of the largest occur on the island making them nearly indistinguishable from the giants occurring on Sardinia and Corsica. In this MU, the exact population the animals derive from in Sicily is listed to aid in keeping each form pure.
- **MU3: South France** – As one of *Testudo hermanni hermanni*'s most endangered populations in nature, the specimens from the department of Varoise (Var), France, have received their own MU. These tortoises are rather homogenous, are currently an extreme rarity in the USA and although they correspond with a similar lineage as the tortoises of Peninsular Italy, they follow a strict phenotype.
- **MU4: Balearic Islands** – Further research is needed to gain a more complete understanding of the tortoises found on the Balearic Islands. To date, we have found both the Mallorca and northwest Minorca populations to be extremely similar while sharing a common continental lineage, but some findings remain speculative. With the exception of the southeast

population on Minorca (which matches closely with Insular Italian animals and is not included in this MU), these Balearic specimens are dissimilar to most other populations apart from having some physical resembles to those found in Var, France. It is believed they were introduced to the islands by man thousands of years ago and have now adopted their own phenotype.

Color Codes

Keeping track of a popular tortoise such as *Testudo hermanni hermanni* has become quite the challenge as interested parties increase and more specimens are produced. For years this tortoise was ignored or hybridized with the common eastern subspecies (*Testudo hermanni boettgeri*) which inevitably led to an identification fiasco. No concrete evidence concerning locality specific western Hermann's tortoises existed prior to the creation of this studbook and Hermann Haven. The founder stock representing each local form in this studbook persist as the only of their kind and it is their offspring which will solely carry their purity moving forward. To help solidify the recognition of these founders and to separate them from anything else, a color code has been set in place for this new edition. There are currently three colors in use. More will be added as necessary, if a new situation arises that does not fit any of the existing options.

- **Dark Green** – Dark Green recognizes an animal as a historic founder and/or as being genetically sampled. Genetic sampling was not performed on any *Testudo hermanni hermanni* in the United States prior to 2015.
- **Light Green** – Light Green recognizes the animal as legitimate offspring from founder stock and/or genetically sampled stock.
- **Red** – Red indicates that the specimen is not founder stock, was not produced by founder stock, is not supported by genetic sampling and/or is not supported by any concrete evidence displaying its origin. These animals are western Hermann's tortoises and are listed under the originally proposed local form but are separated by color code in an effort to preserve actual founders and their offspring. The solidification of a specimen deriving from a natural local form cannot be granted when word of mouth or photos are the only information available, however, these tortoises are listed in the studbook in hopes that they will never be accidentally or intentionally hybridized with other Hermann's tortoises as they do correspond with the western subspecies.

New Studbook Numbers

All animals in the studbook have now been assigned new numbers. Their corresponding old number still appears in this edition, but will be removed in the next edition. With the creation of management units and the general "clean up" needed, new numbers were deemed appropriate, including a system that enables easy modification should future genetic work suggest different or increased management units.

Rules & Regulations

The future for the western Hermann's tortoise in the United States has the potential to be wonderful providing we as responsible keepers work to keep them pure. Impurity is a grave threat to various *Testudo* species today and it is the pet trade that is accountable. There are several rules and regulations that participants **will** help ensure the integrity of the program and the ability of the program to meet its purpose.

- 1) The studbook is **not** to assist in making sales. Numbers will not be assigned simply for a keeper to advertise their animals for sale.
- 2) Numbers will continue to be issued to offspring when they are produced by pure adults and when a pairing or blood-line has not been overrepresented. This is simply standard protocol for an active studbook.
- 3) No new animals may be added to the studbook without proof of genetic support or official documents stating the origin of the animal(s).
- 4) Offspring awaiting number assignment will be handled in the order they are received and may not be given out until the next edition is released when all current data has been compiled and organized. This is also standard protocol for an active studbook.

Recommendations & Closing Notes

We highly recommend PIT tagging or microchipping any studbook animals once they are of a size of 4" SCL. These tags or chips are relatively inexpensive and a veterinarian can perform the procedure easily. Every single founder specimen in this studbook holds its own personal identification number via a tag or chip. This further protects them from being confused with other animals and helps us as coordinators. Keeping complete photo records and data on your animals is crucial and should be taken seriously. Know who your animals are on an individual level, keep track of pairings, clutch sizes, clutch frequency and hatchlings growth rates. This is all extremely valuable information that we can share with each other for the overall benefit of the species.

As always, our site HermannHaven.com is in place to better the understanding of *Testudo hermanni hermanni* and we urge you to use it, spread the word, and help us in keeping this remarkable tortoise safe for decades to come.

A special thank you to the European Studbook Foundation, our serious members, and the growing chelonian conservation & preservation communities.

Sincerely,

Chris Leone, Steve Enders, and Casey Leone

Western Hermann's Tortoise Studbook

(*Testudo hermanni hermanni*) - Management Unit 1: Peninsular Italy & Calabria

Studbook #	Old #	Microchip	Locale	Sex	Status	Hatch Date	Sire	Dam	Location	Local ID
● 1-1001	1001	***** 4728	Tuscany	M	Living	N/A	WILD	WILD	Leone, C	1-1001
● 1-1002	1002	***** 2566	Tuscany	M	Living	N/A	WILD	WILD	Frankel, M	
● 1-1003	1003	***** 3929	Tuscany	M	Living	N/A	WILD	WILD	Leone, C	1-1003
● 1-1004	1004	***** 0339	Tuscany	M	Living	N/A	WILD	WILD	Smith, C	7
● 1-1005	1005	***** 5073	Tuscany	F	Living	N/A	WILD	WILD	Smith, C	13
● 1-1007	1007	***** 6922	Tuscany	F	Living	N/A	WILD	WILD	Leone, C	1-1007
● 1-1009	1009	***** 2121	Tuscany	F	Living	N/A	WILD	WILD	Frankel, M	
● 1-1010	1010	***** 9069	Tuscany	F	Living	N/A	WILD	WILD	Frankel, M	
● 1-1011	1011	***** 1117	Tuscany	F	Living	N/A	WILD	WILD	Leone, C	1-1011
● 1-1012	1012	***** 1384	Tuscany	F	Living	N/A	WILD	WILD	Leone, C	1-1012
● 1-1014	1014	***** 1351	Tuscany	F	Living	N/A	WILD	WILD	Smith, C	8
● 1-1015	1015		Tuscany	UNK	Deceased	2/11/2014	1-1004	1-1008	Heidecker, J	
● 1-1016	1016		Tuscany	UNK	Living	8/12/2013	1-1004	1-1008	Bright, G	
● 1-1017	1017		Tuscany	UNK	Living	2/17/2014	1-1004	1-1008	Bright, G	
● 1-1018	1018		Tuscany	M	Living	8/22/2013	UNK	UNK	Bosecker, K	
● 1-1019	1019		Tuscany	F	Deceased	8/22/2013	UNK	UNK	Heidecker, J	
● 1-1020	1020		Tuscany	M	Deceased	8/23/2013	UNK	UNK	Gaugler, L	11
● 1-1021	1021		Tuscany	M	Living	8/24/2013	UNK	UNK	Gaugler, L	12
● 1-1022	1022		Tuscany	M	Living	8/25/2013	UNK	UNK	Gaugler, L	14
● 1-1023	1023		Tuscany	F	Living	8/26/2013	UNK	UNK	Orcutt, J	
● 1-1024	1024	***** 8927	Tuscany	F	Living	UNK	UNK	UNK	Limburg, R	
● 1-1025	1025		Tuscany	UNK	Deceased	8/30/2013	UNK	UNK	Siatkowski, G	
● 1-1026	1026		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	
● 1-1027	1027		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	
● 1-1028	1028		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	
● 1-1029	1029		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	
● 1-1032	1032		Tuscany	UNK	Living	12/14/2014	1-1001	1-1005	Robbins, J	
● 1-1033	1033		Tuscany	UNK	Deceased	5/10/2015	1-1004	1-1014	Anastasiou, N	
● 1-1034	1034		Tuscany	UNK	Deceased	5/29/2015	1-1004	1-1005	Anastasiou, N	
● 1-1035	1035		Tuscany	UNK	Deceased	5/30/2015	1-1004	1-1005	Anastasiou, N	
● 1-1036	1036		Tuscany	UNK	Living	9/22/2015	1-1002	1-1011	Ketsuwan, K	
● 1-1037	1037		Tuscany	UNK	Living	9/24/2015	1-1001	1-1012	Ketsuwan, K	
● 1-1038	1038		Tuscany	UNK	Living	9/24/2015	1-1001	1-1012	Orcutt, J	
● 1-1039	1039		Tuscany	UNK	Living	8/18/2015	1-1001	1-1012	Nemanius, J	
● 1-1040	1040		Tuscany	UNK	Living	9/24/2015	1-1001	1-1012	Leone, C	1-1040
● 1-1041	1041	***** 6829	Tuscany	UNK	Living	9/29/2015	1-1002	1-1011	Nemanius, J	
● 1-1042	1042		Tuscany	UNK	Living	10/11/2015	UNK	UNK	Ketsuwan, K	X
● 1-1043	1043		Tuscany	UNK	Living	12/15/2015	1-1004	1-1014	Gaugler, L	white dot
● 1-1044	1044	***** 2729	Tuscany	UNK	Living	12/25/2015	1-1004	1-1005	Gaugler, L	tsd-f
● 1-1045	1045		Tuscany	UNK	Living	12/25/2015	1-1004	1-1005	Gaugler, L	tsd-f
● 1-1046	1046		Tuscany	UNK	Living	12/26/2015	1-1004	1-1005	Gaugler, L	tsd-f
● 1-1047	1047	***** 2687	Tuscany	M	Deceased	N/A	UNK	UNK	Leone, C	1-1047
● 1-1048	1048		Tuscany	F	Deceased	N/A	WILD	WILD	Leone, C	1-1048
● 1-1049	1049		Tuscany	F	Living	N/A	UNK	UNK	Leone, C	1-1049
● 1-1050	1050		Tuscany	F	Living	N/A	UNK	UNK	Leone, C	1-1050
● 1-1051	1051		Tuscany	F	Living	5/29/2011	X9001	X9004	Hermes, A	9005
● 1-1052	1052		Tuscany	UNK	Living	UNK	UNK	UNK	Bright, G	9006
● 1-1053	1053		Tuscany	UNK	Living	2013	UNK	UNK	Gaugler, L	9007
● 1-1054	1054		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	9008
● 1-1055	1055		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	9009
● 1-1056	1056		Tuscany	UNK	Living	UNK	UNK	UNK	Bright, G	9010
● 1-1057	1057		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	9011
● 1-1058	1058		Tuscany	UNK	Deceased	UNK	UNK	UNK	Bryson, T	9012
● 1-1059	1059		Tuscany	UNK	Living	UNK	UNK	UNK	Leone, C	1-1059
● 1-1060	1060		Tuscany	UNK	Living	UNK	UNK	UNK	Leone, C	1-1060
● 1-1061	1061		Tuscany	F	Deceased	2010	UNK	UNK	Gaugler, L	9015
● 1-1062	1062		Tuscany	F	Living	2010	UNK	UNK	Gaugler, L	9016
● 1-1063	1063		Tuscany	F	Living	2012	UNK	UNK	Gaugler, L	9017
● 1-1064	1064		Tuscany	F	Living	2012	UNK	UNK	Gaugler, L	9018
● 1-1065	1065		Tuscany	UNK	Living	3/20/2016	1-1004	1-1061	Gaugler, L	
● 1-1066	1066		Tuscany	UNK	Living	3/21/2016	1-1004	1-1061	Gaugler, L	
● 1-1067	1067		Tuscany	UNK	Living	3/21/2016	1-1004	1-1061	Gaugler, L	
● 1-1068	1068		Tuscany	UNK	Living	3/22/2016	1-1004	1-1061	Gaugler, L	
● 1-1069	1069		Tuscany	UNK	Living	8/13/2016	1-1001	1-1011	Leone, C	1-1069
● 1-1070	1070		Tuscany	UNK	Living	8/13/2016	1-1001	1-1011	Leone, C	1-1070
● 1-1071	1071		Tuscany	UNK	Living	8/14/2016	1-1001	1-1011	Leone, C	1-1071

● 1-1072	1072		Tuscany	UNK	Living	8/15/2016	1-1001	1-1012	Leone, C	1-1072
● 1-1073	1073		Tuscany	UNK	Living	8/16/2016	1-1001	1-1012	Leone, C	1-1073
● 1-1074	1074		Tuscany	F	Living	9/1/2008	UNK	UNK	Bright, G	
● 1-1075	1075		Tuscany	F	Living	9/1/2008	UNK	UNK	Bright, G	
● 1-1076	1076		Tuscany	F	Living	9/1/2008	UNK	UNK	Bright, G	
● 1-1077	1077		Tuscany	F	Living	UNK	UNK	UNK	Mahar, E	
● 1-1078	1078		Tuscany	UNK	Living	UNK	UNK	UNK	Mahar, E	
● 1-1079	1079		Tuscany	UNK	Living	UNK	UNK	UNK	Mahar, E	
● 1-1080	1080		Tuscany	UNK	Living	UNK	UNK	UNK	Mahar, E	
● 1-1081	1081		Tuscany	UNK	Living	UNK	UNK	UNK	Mahar, E	
● 1-1082	1082		Tuscany	UNK	Living	UNK	UNK	UNK	Mahar, E	
● 1-1083	1083		Tuscany	UNK	Living	UNK	UNK	UNK	Mahar, E	
● 1-1084	1084		Tuscany	F	Living	3/5/14	UNK	UNK	Bright, G	
● 1-1085	1085		Tuscany	M	Living	3/7/2014	UNK	UNK	Bright, G	
● 1-1086	1086		Tuscany	UNK	Living	2/1/2017	1-1016	1-1075	Bright, G	
● 1-1087	1087		Tuscany	UNK	Living	2/2/2017	1-1016	1-1075	Bright, G	
● 1-1088	1088		Tuscany	UNK	Living	9/8/2016	1-1016	1-1076	Bright, G	
● 1-1089	1089		Tuscany	UNK	Living	9/8/16	1-1016	1-1076	Bright, G	
● 1-1090	1090		Tuscany	UNK	Living	9/9/16	1-1016	1-1076	Bright, G	
● 1-1091	1091		Tuscany	UNK	Living	9/8/2016	1-1016	1-1075	Bright, G	
● 1-1092	1092		Tuscany	UNK	Living	9/10/2016	1-1016	1-1075	Bright, G	
● 1-1093	1093		Tuscany	UNK	Living	9/12/2016	1-1016	1-1075	Bright, G	
● 1-1094	1094		Tuscany	UNK	Living	12/6/2016	1-1016	1-1074	Bright, G	
● 1-1095	1095		Tuscany	UNK	Living	12/6/2016	1-1016	1-1074	Bright, G	
● 1-1096	1096		Tuscany	UNK	Living	1/10/2017	1-1016	1-1074	Bright, G	
● 1-1097	1097		Tuscany	UNK	Living	1/11/2017	1-1016	1-1074	Bright, G	
● 1-1098	1098		Tuscany	UNK	Living	1/25/2017	1-1016	1-1076	Bright, G	
● 1-1099	1099		Tuscany	UNK	Living	1/25/2017	1-1016	1-1076	Bright, G	
● 1-1100	1100		Tuscany	UNK	Living	6/21/2016	1-1004	1-1062	Daniels, A	
● 1-1101	1101		Tuscany	UNK	Living	6/23/2016	1-1004	1-1062	Daniels, A	
● 1-1102	1102		Tuscany	UNK	Living	7/3/2016	1-1004	1-1064	Daniels, A	
● 1-1103	1103		Tuscany	UNK	Living	7/13/2016	1-1004	1-1064	Daniels, A	
● 1-1104	1104		Tuscany	UNK	Living	8/10/2016	1-1004	1-1063	Daniels, A	
● 1-1105	1105		Tuscany	UNK	Living	3/10/2017	1-1016	1-1075	Bright, G	
● 1-1106	1106		Tuscany	UNK	Living	3/1/2017	1-1016	1-1076	Bright, G	
● 1-1107	1107		Tuscany	UNK	Living	3/2/2017	1-1016	1-1076	Bright, G	
● 1-1108	1108		Tuscany	UNK	Living	4/29/2017	1-1001	1-1012	Leone, C	1-1108
● 1-1109	1109		Tuscany	UNK	Living	4/30/2017	1-1002	1-1011	Leone, C	1-1109
● 1-1110	1110		Tuscany	UNK	Living	5/2/2017	1-1001	1-1009	Leone, C	1-1110
● 1-1111	1111		Tuscany	UNK	Living	4/29/2017	1-1003	1-1012	Leone, C	1-1111
● 1-1112	1112		Tuscany	UNK	Living	5/29/2016	1-1001	1-1011	Orcutt, J	
● 1-1113	1113	***** 3033	Tuscany	F	Living	UNK	UNK	UNK	Leone, C	1-1113
● 1-1114	1114	***** 7283	Tuscany	F	Living	WILD	WILD	WILD	Leone, C	1-1114
● 1-1115	9201	***** 7889	Apulia	M	Living	N/A	WILD	WILD	Leone, C	1-1115
● 1-1116	9202	***** 9393	Apulia	M	Living	N/A	WILD	WILD	Leone, C	1-1116
● 1-1117	9203	***** 7654	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1117
● 1-1118	9204	***** 6721	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1118
● 1-1119	9205	***** 3635	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1119
● 1-1120	9206	***** 7348	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1120
● 1-1121	9210	***** 7223	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1121
● 1-1122	9211	***** 7342	Apulia	F	Living	N/A	WILD	WILD	Bryson, T	51
1-1123	9212		Apulia	UNK	Deceased	1/25/2015	UNK	UNK	Gaugler, L	52
1-1124	9213		Apulia	UNK	Deceased	1/25/2015	UNK	UNK	Gaugler, L	53
1-1125	9214		Apulia	UNK	Deceased	1/31/2015	UNK	UNK	Gaugler, L	54
● 1-1126	9215		Apulia	UNK	Living	N/A	UNK	1-1175	Gray, D	
● 1-1127	9216		Apulia	UNK	Living	N/A	UNK	1-1174	Gray, D	
● 1-1128	9217		Apulia	UNK	Living	8/24/2015	1-1115	1-1117	San Felipe, K	
● 1-1129	9218		Apulia	UNK	Living	9/4/2015	UNK	UNK	Ketsuwan, K	
● 1-1130	9219		Apulia	UNK	Living	9/4/2015	UNK	UNK	Ketsuwan, K	
● 1-1131	9220		Apulia	UNK	Living	9/13/2015	1-1116	1-1120	Ketsuwan, K	
● 1-1132	9221		Apulia	UNK	Living	9/22/2015	1-1115	1-1173	Ketsuwan, K	
● 1-1133	9222		Apulia	UNK	Living	9/1/2015	UNK	1-1118	Gaugler, L	
● 1-1134	9223		Apulia	UNK	Deceased	9/1/2015	UNK	1-1118	Gaugler, L	
● 1-1135	9224		Apulia	UNK	Living	9/11/2015	1-1116	1-1120	Gaugler, L	
● 1-1136	9225		Apulia	UNK	Living	9/19/2015	1-1115	1-1174	Gaugler, L	
● 1-1137	9226		Apulia	UNK	Living	8/24/2015	1-1115	1-1117	Gaugler, L	
● 1-1138	9227		Apulia	UNK	Living	9/16/2015	UNK	1-1118	Gaugler, L	
● 1-1139	9228		Apulia	UNK	Living	10/11/2015	UNK	1-1119	Leone, C	1-1139
● 1-1140	9229		Apulia	UNK	Living	10/11/2015	UNK	1-1119	Leone, C	1-1140
● 1-1141	9230		Apulia	UNK	Deceased	9/23/2015	UNK	1-1122	Gaugler, L	
● 1-1142	9231		Apulia	UNK	Deceased	9/23/2015	UNK	1-1122	Gaugler, L	

● 1-1143	9232	Apulia	UNK	Living	9/13/2015	1-1116	1-1120	Dewitt, K	
● 1-1144	9233	Apulia	UNK	Living	9/13/2015	1-1116	1-1120	Bright, G	
● 1-1145	9234	Apulia	UNK	Living	10/11/2015	UNK	1-1119	Bright, G	
● 1-1146	9235	Apulia	UNK	Living	9/16/2015	UNK	1-1118	Bright, G	
● 1-1147	9236	Apulia	UNK	Living	9/22/2015	1-1115	1-1173	Bailey, J	
● 1-1148	9237	Apulia	UNK	Living	9/22/2015	1-1115	1-1173	Bailey, J	
● 1-1149	9238	Apulia	UNK	Living	9/4/2015	UNK	UNK	Bailey, J	
● 1-1150	9239	Apulia	UNK	Living	10/15/2015	UNK	UNK	Bailey, J	
● 1-1151	9240	Apulia	M	Living	10/20/2014	1-1116	1-1117	Bryson, T	
● 1-1152	9241	Apulia	UNK	Living	N/A	1-1115	1-1118	Barrie, L	
● 1-1153	9242	Apulia	UNK	Living	N/A	1-1115	1-1119	Barrie, L	
● 1-1154	9243	Apulia	UNK	Living	N/A	1-1116	1-1117	Barrie, L	
● 1-1155	9244	Apulia	UNK	Living	N/A	1-1115	1-1120	Barrie, L	
● 1-1156	9245	Apulia	UNK	Living	8/12/16	1-1116	1-1120	Montgomery, W	
● 1-1157	9246	Apulia	UNK	Living	8/12/16	1-1115	1-1117	Montgomery, W	
● 1-1158	9247	Apulia	UNK	Living	8/13/16	1-1116	1-1120	Ahrens, W	
● 1-1159	9248	Apulia	UNK	Living	8/17/16	1-1115	1-1121	Ahrens, W	
● 1-1160	9249	Apulia	UNK	Living	8/15/16	1-1116	1-1121	Montgomery, W	
● 1-1161	9250	Apulia	UNK	Living	9/1/15	1-1115	1-1117	Bright, G	
● 1-1162	9251	Apulia	UNK	Living	9/1/15	1-1116	1-1118	Bright, G	
● 1-1163	9252	Apulia	UNK	Living	8/29/15	1-1115	1-1174	Bright, G	
● 1-1164	9253	Apulia	UNK	Living	8/18/16	UNK	1-1173	Montgomery, W	
● 1-1165	9254	Apulia	UNK	Living	8/20/16	UNK	1-1174	Montgomery, W	
● 1-1166	9255	Apulia	UNK	Living	N/A	1-1115	1-1119	Garcia, M	
● 1-1167	9256	Apulia	UNK	Living	N/A	1-1116	1-1117	Garcia, M	
● 1-1168	9257	Apulia	UNK	Living	3/27/17	1-1115	1-1120	Cananea, MJ	
● 1-1169	9258	Apulia	M	Living	N/A	1-1116	1-1121	Garcia, M	
● 1-1170	9259	Apulia	F	Living	N/A	1-1115	1-1174	Garcia, M	
● 1-1171	9256	Apulia	UNK	Living	5/1/17	1-1116	1-1121	Leone, C	1-1171
● 1-1172	9257	Apulia	UNK	Living	4/27/17	1-1115	1-1173	Leone, C	1-1172
● 1-1173	9207	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1173
● 1-1174	9208	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1174
● 1-1175	9209	Apulia	F	Living	N/A	WILD	WILD	Leone, C	1-1175
● 1-1176	2001	Calabria	M	Living	N/A	WILD	WILD	Leone, C	1-1176
● 1-1177	2002	Calabria	M	Living	N/A	WILD	WILD	Leone, C	1-1177
● 1-1178	2004	Calabria	F	Living	N/A	WILD	WILD	Leone, C	1-1178
● 1-1179	2006	Calabria	F	Living	N/A	WILD	WILD	Leone, C	1-1179
● 1-1180	2007	Calabria	F	Living	N/A	WILD	WILD	Leone, C	1-1180
● 1-1181	2008	Calabria	F	Living	N/A	WILD	WILD	Leone, C	1-1181
● 1-1182	2009	Calabria	F	Living	N/A	WILD	WILD	Leone, C	1-1182
● 1-1183	2010	Calabria	F	Living	N/A	WILD	WILD	Leone, C	1-1183
1-1184	2012	Calabria	UNK	deceased	7/12/2014	UNK	UNK	Bryson, T	
1-1185	2013	Calabria	UNK	deceased	7/13/2014	UNK	UNK	Bryson, T	
1-1186	2014	Calabria	UNK	deceased	7/14/2014	UNK	UNK	Bryson, T	
1-1187	2015	Calabria	UNK	deceased	7/15/2014	UNK	UNK	Bryson, T	
● 1-1188	2017	Calabria	UNK	Living	9/7/2014	1-1177	1-1181	Abramson, A	
1-1189	2025	Calabria	UNK	deceased	UNK	1-1177	1-1179	Bryson, T	
● 1-1190	2026	Calabria	UNK	Living	7/18/2015	1-1177	1-1183	Gaugler, L	
● 1-1191	2027	Calabria	UNK	Living	7/20/2015	1-1177	1-1183	Gaugler, L	
● 1-1192	2028	Calabria	UNK	Living	7/20/2015	1-1177	1-1183	Gaugler, L	
● 1-1193	2029	Calabria	UNK	Living	8/11/2015	1-1176	1-1181	Leone, C	1-1193
● 1-1194	2030	Calabria	UNK	Living	1/23/2016	1-1177	1-1183	Gaugler, L	BLUE DOT
● 1-1195	2031	Calabria	UNK	Living	1/23/2016	1-1177	1-1183	Gaugler, L	BLUE DOT
● 1-1196	2032	Calabria	UNK	Living	1/25/2016	1-1177	1-1183	Gaugler, L	TSDF
● 1-1197	2033	Calabria	UNK	Living	1/30/2016	1-1177	1-1183	Gaugler, L	TSDF
● 1-1198	2034	Calabria	UNK	Living	1/30/2016	1-1177	1-1183	Gaugler, L	TSDF
● 1-1199	2035	Calabria	UNK	Living	2/12/2016	1-1177	1-1183	Gaugler, L	TSDF
● 1-1200	2036	Calabria	UNK	Living	2/12/2016	1-1177	1-1183	Gaugler, L	TSDF
● 1-1201	2037	Calabria	UNK	Living	2/16/2016	1-1177	1-1183	Gaugler, L	TSDF
● 1-1202	2038	Calabria	UNK	Living	3/8/2016	1-1177	1-1179	Gaugler, L	WHITE X
● 1-1203	2039	Calabria	UNK	Living	3/28/2016	1-1177	1-1179	Gaugler, L	Q
● 1-1204	2040	Calabria	UNK	Living	4/10/2016	1-1177	1-1179	Gaugler, L	R
● 1-1205	2041	Calabria	UNK	Living	7/13/2016	1-1177	1-1183	Gaugler, L	
● 1-1206	2042	Calabria	UNK	Living	7/14/2016	1-1177	1-1183	Gaugler, L	
● 1-1207	2043	Calabria	UNK	Living	8/13/2016	1-1176	1-1181	Leone, C	1-1207
● 1-1208	2044	Calabria	UNK	Living	4/27/2017	1-1176	1-1182	Leone, C	1-1208
● 1-1209	2045	Calabria	UNK	Living	4/27/2017	1-1176	1-1182	Leone, C	1-1209
● 1-1210	2046	Calabria	UNK	Living	4/30/2017	1-1176	1-1181	Leone, C	1-1210
● 1-1211	2047	Calabria	UNK	Living	4/30/2017	1-1176	1-1182	Leone, C	1-1211
● 1-1212	2048	Calabria	UNK	Living	8/6/2017	1-1177	1-1183	UNK	
● 1-1213	2049	Calabria	UNK	Living	8/6/2017	1-1177	1-1183	Debuysser, W	

●	1-1214	2050	Calabria	UNK	Living	8/10/2017	1-1177	1-1183	Debuysser, W	
●	1-1215	2051	Calabria	UNK	Living	8/28/2017	1-1177	1-1183	Gaugler, L	
●	1-1216	2052	Calabria	UNK	Living	8/30/2017	1-1177	1-1179	Gaugler, L	
●	1-1217	2053	Calabria	UNK	Living	4/22/2018	1-1177	1-1183	Ly, K	
●	1-1218	2054	Calabria	UNK	Living	4/23/2018	1-1177	1-1183	Ly, K	
●	1-1219	9258	Apulia	UNK	Living	7/27/2018	1-1115	1-1119	Leone, C	1-1219
●	1-1220	9259	Apulia	UNK	Living	7/27/2018	1-1115	1-1119	Moorcroft, C	
●	1-1221	9260	Apulia	UNK	Living	8/5/2018	1-1116	1-1175	Moorcroft, C	
●	1-1222	9261	Apulia	UNK	Living	10/6/2018	1-1116	1-1121	Moorcroft, C	
●	1-1223		Tuscany	UNK	Living	7/1/2017	1-1016	1-1074	Bright, G	
●	1-1224		Tuscany	UNK	Living	7/2/2017	1-1016	1-1074	Bright, G	
●	1-1225		Tuscany	UNK	Living	8/18/2017	1-1016	1-1076	Bright, G	
●	1-1226		Tuscany	UNK	Living	6/18/2017	1-1016	1-1074	Bright, G	
●	1-1227		Tuscany	M	Living	4/1/2014	UNK	UNK	Ramseyer, A	
●	1-1228		Tuscany	M	Living	4/1/2014	UNK	UNK	Ramseyer, A	
●	1-1229		Tuscany	M	Living	4/1/2014	UNK	UNK	Ramseyer, A	
●	1-1230		Tuscany	F	Living	4/1/2014	UNK	UNK	Ramseyer, A	
●	1-1231		Tuscany	F	Living	4/1/2014	UNK	UNK	Ramseyer, A	
●	1-1232	***** 7720	Calabria	M	Living	WILD	WILD	WILD	Leone, C	1-1232
●	1-1233	***** 5704	Calabria	F	Living	WILD	WILD	WILD	Leone, C	1-1233
●	1-1234		Tuscany	F	Living	WILD	WILD	WILD	Limburg, R	
●	1-1235		Tuscany	F	Living	WILD	WILD	WILD	Limburg, R	
●	1-1236		Tuscany	F	Living	UNK	UNK	UNK	Smith, C	
●	1-1237		Tuscany	F	Living	UNK	UNK	UNK	Smith, C	
●	1-1238	9016	Tuscany	F	Living	10/1/2010	UNK	UNK	Ostrander, T	
●	1-1239	9017	Tuscany	F	Living	6/1/2012	UNK	UNK	Ostrander, T	
●	1-1240	9018	Tuscany	F	Living	6/1/2012	UNK	UNK	Ostrander, T	
●	1-1021	1021	Tuscany	M	Living	8/24/2013	UNK	UNK	Ostrander, T	12
●	1-1241	1002*	Tuscany	M	Living	UNK	UNK	UNK	Ostrander, T	

Living Totals: 20.48.140 (208)



Figure 1. Adult female *Testudo hermanni hermanni* from Apulia, Italy (MU1). Photo by Chris Leone.

Western Hermann's Tortoise Studbook (*Testudo hermanni hermanni*) - Management Unit 2: Insular Italy & Corsica

Studbook #	Old #	Microchip	Locale	Sex	Status	Hatch Date	Sire	Dam	Location	Local ID	
●	2-1223	3001	***** 9279	Madonie	M	Living	N/A	WILD	WILD	Leone, C	2-1223
●	2-1224	3002	***** 1963	Madonie	M	Living	N/A	WILD	WILD	Leone, C	2-1224
●	2-1225	3003	***** 2446	Madonie	M	Living	N/A	WILD	WILD	Leone, C	2-1225
●	2-1226	3004	***** 5393	Madonie	F	Living	N/A	WILD	WILD	Leone, C	2-1226
●	2-1227	3005	***** 4206	Madonie	F	Living	N/A	WILD	WILD	Leone, C	2-1227
●	2-1228	3006	***** 8000	Madonie	F	Living	N/A	WILD	WILD	Leone, C	2-1228
●	2-1229	3007	***** 0856	Madonie	F	Living	N/A	WILD	WILD	Leone, C	2-1229
●	2-1230	3008	***** 2810	Madonie	F	Living	N/A	WILD	WILD	Leone, C	2-1230
●	2-1231	3010		Madonie	M	Living	3/5/2014	UNK	2-1228	Fuchs, C	
●	2-1232	3011	***** 4085	Madonie	F	Living	3/13/2014	UNK	2-1228	Betz, R	
●	2-1233	3012		Madonie	F	Living	3/31/2014	UNK	2-1227	Leone, C	2-1233
●	2-1234	3013		Madonie	M	Living	4/8/2014	UNK	2-1226	Leone, C	2-1234
●	2-1235	3014		Madonie	UNK	Deceased	N/A	UNK	UNK	Bryson, T	
●	2-1236	3015		Madonie	UNK	Deceased	N/A	UNK	UNK	Bryson, T	
●	2-1237	3016		Madonie	UNK	Deceased	N/A	UNK	UNK	Bryson, T	
●	2-1238	3017		Madonie	UNK	Deceased	N/A	UNK	UNK	Bryson, T	
●	2-1239	3018		Madonie	UNK	Deceased	N/A	UNK	UNK	Bryson, T	
●	2-1240	3019		Madonie	UNK	Living	N/A	UNK	UNK	Bryson, T	
●	2-1241	3020		Madonie	UNK	Living	6/17/2015	2-1223	2-1228	Leone, C	2-1241
●	2-1242	3021		Madonie	UNK	Living	6/17/2015	2-1223	2-1228	Leone, C	2-1242
●	2-1243	3022		Madonie	UNK	Living	6/17/2015	2-1223	2-1228	Leone, C	2-1243
●	2-1244	3023		Madonie	UNK	Living	6/19/2015	2-1223	2-1227	Brown, S	
●	2-1245	3024		Madonie	UNK	Living	6/17/2015	2-1224	2-1228	Brown, S	
●	2-1246	3025		Madonie	UNK	Living	6/19/2015	UNK	2-1226	Gaugler, L	
●	2-1247	3026		Madonie	UNK	Living	8/24/2015	2-1223	2-1227	Gaugler, L	
●	2-1248	3027		Madonie	UNK	Living	8/25/2015	2-1224	2-1230	Gaugler, L	
●	2-1249	3028		Madonie	UNK	Living	8/26/2015	UNK	2-1226	Betz, R	
●	2-1250	3029		Madonie	UNK	Living	9/28/2015	2-1223	2-1227	Betz, R	
●	2-1251	3030		Madonie	UNK	Living	8/26/2015	UNK	2-1226	Gaugler, L	
●	2-1252	3031		Madonie	UNK	Living	9/3/2015	2-1224	2-1230	Gaugler, L	
●	2-1253	3032		Madonie	UNK	Living	9/5/2015	2-1224	2-1226	Gaugler, L	
●	2-1254	3033		Madonie	UNK	Living	9/6/2015	2-1223	2-1228	Gaugler, L	
●	2-1255	3034		Madonie	UNK	Living	9/28/2015	2-1223	2-1227	Gaugler, L	
●	2-1256	3035		Madonie	UNK	Living	8/25/2015	UNK	2-1229	Rhoads, E	
●	2-1257	3036		Madonie	UNK	Living	9/4/2015	UNK	2-1229	Leone, C	2-1257
●	2-1258	3037		Madonie	UNK	Living	9/29/2015	UNK	2-1226	Rhoads, E	
●	2-1259	3038		Madonie	UNK	Living	9/29/2015	UNK	2-1226	Rhoads, E	
●	2-1260	3039		Madonie	UNK	Living	9/1/2015	UNK	UNK	Leone, C	2-1260
●	2-1261	3040		Madonie	UNK	Living	8/26/2015	UNK	2-1226	Gaugler, L	
●	2-1262	3041		Madonie	UNK	Living	8/15/2016	2-1223	2-1228	Dieck, M	
●	2-1263	3042		Madonie	UNK	Living	8/15/2016	2-1224	2-1226	Dieck, M	
●	2-1264	3043		Madonie	UNK	Living	8/16/2016	2-1225	2-1229	Dieck, M	
●	2-1265	3044		Madonie	UNK	Living	8/17/2016	2-1223	2-1230	Dieck, M	
●	2-1266	3045		Madonie	UNK	Living	8/18/2016	UNK	2-1227	Dieck, M	
●	2-1267	5001	***** 7592	Mt. Etna	M	Living	WILD	WILD	WILD	Leone, C	2-1267
●	2-1268	5002	***** 7971	Mt. Etna	F	Living	WILD	WILD	WILD	Leone, C	2-1268
●	2-1269	5003	***** 7964	Mt. Etna	F	Living	WILD	WILD	WILD	Leone, C	2-1269
●	2-1270	5004		Mt. Etna	F	Living	UNK	UNK	UNK	Wasilenko, J	
●	2-1271	5005	***** 2353	Mt. Etna	F	Living	WILD	WILD	WILD	Leone, C	2-1271
●	2-1272	5007	***** 5919	Mt. Etna	F	Living	WILD	WILD	WILD	Leone, C	2-1272
●	2-1273	5008		Mt. Etna	M	Living	WILD	WILD	WILD	Leone, C	2-1273
●	2-1274	8001	***** 4698	Sardinia	M	Deceased	NA	WILD	WILD	Leone, C	2-1274
●	2-1275	8002	***** 9433	Sardinia	M	Living	NA	WILD	WILD	Bryson, T	
●	2-1276	8003	***** 8641	Sardinia	F	Living	NA	WILD	WILD	Garner, K	
●	2-1277	8004	***** 8686	Sardinia	F	Living	NA	WILD	WILD	Leone, C	2-1277
●	2-1278	8005	***** 4082	Sardinia	F	Living	NA	WILD	WILD	Garner, K	
●	2-1279	8006	***** 4700	Sardinia	F	Living	NA	WILD	WILD	Leone, C	2-1279
●	2-1280	8007	***** 4699	Sardinia	F	Living	NA	WILD	WILD	Leone, C	2-1280
●	2-1281	8008	***** 1825	Sardinia	M	Living	NA	WILD	WILD	Garner, K	
●	2-1282	8009	***** 4206	Sardinia	F	Living	NA	WILD	WILD	Bryson, T	
●	2-1283	8010	***** 5661	Sardinia	F	Living	NA	WILD	WILD	Bryson, T	
●	2-1284	8011		Sardinia	UNK	Living	4/3/2016	UNK	2-1280	Leone, C	2-1284
●	2-1285	8012		Sardinia	UNK	Living	4/3/2016	UNK	2-1278	Leone, C	2-1285
●	2-1286	8013		Sardinia	UNK	Living	4/3/2016	UNK	2-1276	Leone, C	2-1286
●	2-1287	8014		Sardinia	UNK	Living	4/4/2016	UNK	2-1280	Leone, C	2-1287
●	2-1288	8015		Sardinia	UNK	Living	4/4/2016	UNK	2-1280	Leone, C	2-1288

●	2-1289	8016		Sardinia	UNK	Living	4/5/2016	UNK	2-1280	Leone, C	2-1289
●	2-1290	8017		Sardinia	UNK	Living	4/6/2016	UNK	2-1278	Leone, C	2-1290
●	2-1291	8018		Sardinia	UNK	Living	4/6/2016	UNK	2-1278	Leone, C	2-1291
●	2-1292	8019		Sardinia	UNK	Living	4/6/2016	UNK	2-1276	Leone, C	2-1292
●	2-1293	8020		Sardinia	UNK	Living	4/7/2016	UNK	2-1276	Leone, C	2-1293
●	2-1294	8021		Sardinia	UNK	Living	4/8/2016	UNK	2-1276	Leone, C	2-1294
●	2-1295	8022		Sardinia	UNK	Living	4/21/2016	UNK	2-1279	Leone, C	2-1295
●	2-1296	8023		Sardinia	UNK	Living	4/22/2016	UNK	2-1279	Leone, C	2-1296
●	2-1297	8024	***** 4414	Sardinia	F	Living	N/A	WILD	WILD	Leone, C	2-1297
●	2-1298	8025	***** 4905	Sardinia	F	Living	N/A	WILD	WILD	Leone, C	2-1298
●	2-1299	8026		Sardinia	UNK	Living	N/A	2-1274	2-1277	Hendrickson, S	
●	2-1300	8027		Sardinia	UNK	Living	N/A	2-1274	2-1277	Hendrickson, S	
●	2-1301	8028		Sardinia	UNK	Living	7/29/18	2-1274	2-1279	Hendrickson, S	
●	2-1302	8029		Sardinia	UNK	Living	8/2/2018	2-1274	2-1279	Hendrickson, S	
●	2-1303	8030		Sardinia	UNK	Living	9/29/2018	2-1274	2-1279	Handling, K	
●	2-1304	8031		Sardinia	UNK	Living	9/29/2018	2-1274	2-1279	Berezin, J	
●	2-1305	8032		Sardinia	UNK	Living	9/26/2018	2-1274	UNK	Kimbrell, M	
●	2-1306	8033		Sardinia	UNK	Living	9/26/18	2-1274	UNK	Betz, R	
●	2-1307	8034		Sardinia	UNK	Living	9/27/18	2-1274	UNK	Betz, R	
●	2-1308	9035	***** 1712	Ragusa	M	Living	N/A	WILD	WILD	Leone, C	2-1308
●	2-1309	9036	***** 4658	Ragusa	M	Living	N/A	WILD	WILD	Leone, C	2-1309
●	2-1310	9037	***** 9418	Ragusa	F	Living	N/A	WILD	WILD	Leone, C	2-1310
●	2-1311	9038	***** 4381	Ragusa	F	Living	N/A	WILD	WILD	Leone, C	2-1311
●	2-1312	9039		Ragusa	UNK	Living	8/16/2018	2-1329	8037	Hinson, S	
●	2-1313	9040		Ragusa	UNK	Living	8/16/2018	2-1329	8037	Hinson, S	
●	2-1314	9041		Ragusa	UNK	Living	8/16/2018	2-1329	8037	Hinson, S	
●	2-1315	9042		Ragusa	UNK	Living	9/20/2018	2-1329	8037	Hinson, S	
●	2-1316	9043		Ragusa	UNK	Living	9/21/2018	2-1329	8037	Hinson, S	
●	2-1317	7001		Corsica	M	?	8/15/2013	UNK	UNK	Gaugler, L	19
●	2-1318	7002	***** 8733	Corsica	M	Living	WILD	WILD	WILD	Leone, C	2-1318
●	2-1319	7003	***** 4041	Corsica	F	Living	WILD	WILD	WILD	Leone, C	2-1319
●	2-1320	7004		Corsica	M	Living	8/15/2013	UNK	UNK	Leone, C	2-1320
●	2-1321	7005		Corsica	M	Living	6/27/2018	UNK	UNK	Leone, C	2-1321
●	2-1322	7006		Corsica	M	Living	8/17/2013	UNK	UNK	Leone, C	2-1322
●	2-1323	7007		Corsica	M	?	8/18/2013	UNK	UNK	Gaugler, L	26
●	2-1324	7008		Corsica	UNK	Deceased	8/19/2013	UNK	UNK	Zovickian, W	27
●	2-1325	7009		Corsica	F	?	8/28/2013	UNK	UNK	Gaugler, L	39
●	2-1326	7010		Corsica	UNK	Deceased	8/31/2013	UNK	UNK	Zovickian, W	40
●	2-1327	7011		Corsica	UNK	Living	6/27/2018	2-1318	2-1319	Linderman, R	
●	2-1328	7012		Corsica	UNK	Living	6/27/2018	2-1318	2-1319	Linderman, R	
●	2-1329	8035	***** 6232	Corsica	F	Living	N/A	WILD	WILD	Limburg, R	
●	2-1330			Ragusa	UNK	Living	8/13/2017	2-1308	2-1311	Leone, C	2-1330
●	2-1331			Ragusa	UNK	Living	11/3/2017	2-1309	2-1310	Leone, C	2-1331
●	2-1332		***** 8647	Ragusa	F	Living	WILD	WILD	WILD	Betz, R	
●	2-1333		***** 8111	Ragusa	F	Living	WILD	WILD	WILD	Betz, R	
●	2-1334			Ragusa	M	Living	N/A	WILD	WILD	Betz, R	
●	2-1335		***** 3125	Madonie	M	Living	WILD	WILD	WILD	Betz, R	
●	2-1336		***** 4919	Madonie	M	Living	WILD	WILD	WILD	Betz, R	
●	2-1337			Sardinia	UNK	Living	9/5/2018	UNK	UNK	Thathuvaswamy, M	
●	2-1338			Sardinia	UNK	Living	9/5/2018	UNK	UNK	Thathuvaswamy, M	
●	2-1339			Sardinia	UNK	Living	12/27/2018	UNK	UNK	Thathuvaswamy, M	
●	2-1340			Sardinia	UNK	Living	12/28/2018	UNK	UNK	Thathuvaswamy, M	
●	2-1341		***** 8397	Sardinia	F	Living	WILD	WILD	WILD	Garner, K	
●	2-1342		***** 4877	Sardinia	M	Living	WILD	WILD	WILD	Leone, C	2-1342
●	2-1343		***** 5945	Corsica	F	Living	WILD	WILD	WILD	Limburg, R	
●	2-1344		***** 5082	Ragusa	F	Living	WILD	WILD	WILD	Leone, C	2-1344
●	2-1345		***** 4709	Corsica	F	Living	WILD	WILD	WILD	Limburg, R	
●	2-1346			Madonie	UNK	Living	5/16/2018	2-1223	2-1232	Betz, R	
●	2-1347			Madonie	UNK	Living	5/18/2018	2-1223	2-1232	Betz, R	
●	2-1348			Madonie	UNK	Living	1/14/2019	2-1335	2-1232	Pierloni, A	
●	2-1349			Mt. Etna	F	Living	UNK	UNK	UNK	Wasilenko, J	
●	2-1350			Mt. Etna	M	Living	UNK	UNK	UNK	Wasilenko, J	

Living Totals: 20.32.65 (117)

Western Hermann's Tortoise Studbook
(*Testudo hermanni hermanni*) - Management Unit 3: South France

Studbook #	Old #	Microchip	Locale	Sex	Status	Hatch Date	Sire	Dam	Location	Local ID
● 3-1330	F1001	***** 2910	Varoise	F	Living	WILD	WILD	WILD	Leone, C	3-1330
● 3-1331	F1002	***** 7341	Varoise	F	Living	CB	WILD	WILD	Leone, C	3-1331
● 3-1332	F1003	***** 5585	Varoise	F	Living	WILD	WILD	WILD	Leone, C	3-1332
● 3-1333	F1004	***** 3590	Varoise	M	Living	WILD	WILD	WILD	Leone, C	3-1333
● 3-1334	F1005	***** 2227	Varoise	M	Living	WILD	WILD	WILD	Leone, C	3-1334
● 3-1335	F1006	***** 0007	Varoise	F	Living	WILD	WILD	WILD	Leone, C	3-1335
● 3-1336	F1007	***** 0109	Varoise	F	Living	WILD	WILD	WILD	Leone, C	3-1336
● 3-1337	F1008	***** 7175	Varoise	F	Living	WILD	WILD	WILD	Leone, C	3-1337
● 3-1338	F1009	***** 9052	Varoise	F	Living	WILD	WILD	WILD	Leone, C	3-1338

Living Totals: 2.7.0 (9)



Figure 2. Adult female *Testudo hermanni hermanni* from Ragusa, Sicily (MU2). Photo by Chris Leone.



Figure 3. Adult female *Testudo hermanni hermanni* from Varoise, France (MU3). Photo by Chris Leone.

Western Hermann's Tortoise Studbook (*Testudo hermanni hermanni*) - Management Unit 4: Balearic Islands

	Studbook #	Old #	Microchip	Locale	Sex	Status	Hatch Date	Sire	Dam	Location	Local ID
●	4-1339	4002	***** 6551	Mallorca	F	Deceased	N/A	WILD	WILD	Leone, C	4-1339
●	4-1340	4004	***** 4053	Mallorca	M	Living	N/A	WILD	WILD	Leone, C	4-1340
●	4-1341	4005	***** 8715	Mallorca	M	Living	N/A	WILD	WILD	Leone, C	4-1341
●	4-1342	4006	***** 3802	Mallorca	F	Living	N/A	WILD	WILD	Leone, C	4-1342
●	4-1343	4008	***** 4529	Mallorca	F	Living	N/A	WILD	WILD	Leone, C	4-1343
●	4-1344	4009	***** 3900	Mallorca	F	Living	N/A	WILD	WILD	Leone, C	4-1344
●	4-1345	4011		Mallorca	F	Living	7/13/2013	UNK	UNK	Gaugler, L	82
●	4-1346	4012		Mallorca	F	Living	7/13/2013	UNK	UNK	Gaugler, L	83
●	4-1347	4013		Mallorca	M	Living	7/14/2013	UNK	UNK	Gaugler, L	84
●	4-1348	4014		Mallorca	F	Living	7/15/2013	UNK	UNK	Gaugler, L	85
●	4-1349	4015		Mallorca	F	Living	7/16/2013	UNK	UNK	Gaugler, L	86
●	4-1350	4016		Mallorca	F	Living	7/17/2013	UNK	UNK	Gaugler, L	87
●	4-1351	4017		Mallorca	M	Living	7/20/2013	UNK	UNK	Gaugler, L	88
●	4-1352	4018		Mallorca	UNK	Deceased	7/22/2013	UNK	UNK	Zovickian, W	89
●	4-1353	4019		Mallorca	M	Living	7/24/2013	UNK	UNK	Gaugler, L	91
●	4-1354	4020	***** 2729	Mallorca	F	Deceased	N/A	WILD	WILD	Leone, C	4-1354
	4-1355	4021									
	4-1356	4022									
	4-1357	4023									
●	4-1358	4024		Mallorca	UNK	Living	12/28/2016	UNK	4-1345	Gaugler, L	
●	4-1359	4025		Mallorca	UNK	Living	12/31/2016	UNK	4-1345	Gaugler, L	
●	4-1360	4026		Mallorca	UNK	Living	1/15/2017	UNK	4-1348	Gaugler, L	
●	4-1361	4027		Mallorca	UNK	Living	2/1/2017	UNK	4-1345	Gaugler, L	
●	4-1362	4028		Mallorca	UNK	Living	2/27/2017	4-1341	4-1343	Leone, C	4-1362
●	4-1363	4029		Mallorca	UNK	Living	8/26/2017	UNK	4-1349	Carbone, F	
●	4-1364	4030		Mallorca	UNK	Living	8/27/2017	UNK	4-1349	Dexter, T	
●	4-1365	4031		Mallorca	UNK	Living	8/27/2017	UNK	4-1349	Caruso, J	
●	4-1366	4032		Mallorca	UNK	Living	9/10/2017	UNK	4-1349	Carbone, F	
●	4-1367	4033		Mallorca	UNK	Living	10/4/2017	UNK	4-1345	Carbone, F	
●	4-1368	4034		Mallorca	UNK	Living	10/10/2017	UNK	4-1349	Carbone, F	
●	4-1369	4035		Mallorca	UNK	Living	10/11/2017	UNK	4-1349	Carbone, F	
●	4-1370	4036		Mallorca	UNK	Living	10/15/2017	UNK	4-1349	Moses, J	
●	4-1371	4037		Mallorca	UNK	Living	11/2/2017	UNK	4-1348	Moses, J	
●	4-1372	4038		Mallorca	UNK	Living	11/2/2017	UNK	4-1348	Vechionne, W	
●	4-1373	4039		Mallorca	UNK	Living	11/18/2017	UNK	4-1345	Stewart, T	
●	4-1374	4040		Mallorca	UNK	Living	11/20/2017	UNK	4-1345	Dexter, T	
●	4-1375	4041		Mallorca	UNK	Living	11/20/2017	UNK	4-1345	Dexter, T	
●	4-1376	4042		Mallorca	UNK	Living	2/15/2018	UNK	4-1345	Stewart, T	
●	4-1377	4043		Mallorca	UNK	Living	2/19/2018	UNK	4-1345	Vechionne, W	
●	4-1378	4044		Mallorca	UNK	Living	2/22/2018	UNK	4-1345	Stewart, T	
●	4-1379	4045		Mallorca	UNK	Living	2/24/2018	UNK	4-1349	Stewart, T	
●	4-1380	4046		Mallorca	UNK	Living	2/25/2018	UNK	4-1349	Stewart, T	
●	4-1381	4047		Mallorca	UNK	Living	3/11/2018	UNK	4-1350	Stewart, T	
●	4-1382	4048		Mallorca	UNK	Living	3/11/2018	UNK	4-1350	Stewart, T	
●	4-1383	4049		Mallorca	UNK	Living	3/21/2018	UNK	4-1349	Stewart, T	
●	4-1384	4050		Mallorca	UNK	Living	3/21/2018	UNK	4-1349	Stewart, T	
●	4-1385	4051		Mallorca	UNK	Living	3/21/2018	UNK	4-1349	Stewart, T	
●	4-1386	4052		Mallorca	UNK	Living	3/21/2018	UNK	4-1349	Stewart, T	
●	4-1387	4053		Mallorca	UNK	Living	3/21/2018	UNK	4-1349	Stewart, T	
●	4-1388	4054		Mallorca	UNK	Living	8/8/2018	4-1340	4-1341	Leone, C	4-1388
●	4-1389	4055		Mallorca	UNK	Living	8/8/2018	4-1340	4-1341	Leone, C	4-1389
●	4-1390	4056		Mallorca	UNK	Living	8/20/2018	4-1340	4-1343	Leone, C	4-1390
●	4-1391	4057		Mallorca	UNK	Living	8/21/2018	4-1340	4-1343	Leone, C	4-1391
●	4-1392	4058		Mallorca	UNK	Living	8/23/2018	4-1340	4-1343	Leone, C	4-1392
●	4-1393	6001		Minorca1	M	Deceased	8/23/2013	UNK	UNK	Leone, C	4-1393
●	4-1394	6002		Minorca1	M	Living	8/25/2013	UNK	UNK	Bryson, T	
●	4-1395	6003		Minorca1	M	?	8/26/2013	UNK	UNK	Zovickian, W	3
●	4-1396	6004		Minorca1	M	?	8/26/2013	UNK	UNK	Zovickian, W	4
●	4-1397	6005		Minorca1	M	Living	8/27/2013	UNK	UNK	Leone, C	4-1397
●	4-1398	6006		Minorca1	M	Living	8/28/2013	UNK	UNK	Leone, C	4-1398
●	4-1399	6007		Minorca1	M	?	8/30/2013	UNK	UNK	Zovickian, W	7
●	4-1400	6008		Minorca1	M	?	8/31/2013	UNK	UNK	Zovickian, W	8
●	4-1401	6009		Minorca1	M	Living	ca. 1980	UNK	UNK	Blome, R	
●	4-1402	6010		Minorca1	F	Living	ca. 1980	UNK	UNK	Blome, R	
●	4-1403	6011		Minorca1	F	Deceased	ca. 1980	UNK	UNK	Zovickian, W	53
●	4-1404	6012	***** 4128	Minorca1	M	Living	N/A	WILD	WILD	Leone, C	4-1404

●	4-1405	6013	***** 8489	Minorca1	F	Living	N/A	WILD	WILD	Leone, C	4-1405
●	4-1406	6014	***** 9740	Minorca1	F	Living	N/A	WILD	WILD	Leone, C	4-1406
●	4-1407	6015		Minorca1	UNK	Living	8/28/2014	X4001	X4003	Ashley, J	
●	4-1408	6016		Minorca1	UNK	Deceased	8/28/2014	X4001	X4003	Bryson, T	
●	4-1409	6017		Minorca1	UNK	Deceased	Fall 2014	UNK	UNK	Bryson, T	
●	4-1410	6018		Minorca1	UNK	Deceased	Fall 2014	UNK	UNK	Bryson, T	
●	4-1411	6019		Minorca1	UNK	Deceased	Fall 2014	UNK	UNK	Bryson, T	
●	4-1412	6020		Minorca1	UNK	Missing	Fall 2014	UNK	UNK	Ashley, J	
	4-1413	6021									
	4-1414	6022									
●	4-1415	6023		Minorca1	UNK	Living	6/2/2015	4-1404	4-1406	Leone, C	4-1415
●	4-1416	6024		Minorca1	F	?	7/12/2013	UNK	UNK	Zovickian, W	81
●	4-1417	6025		Minorca1	UNK	Living	6/2/2015	4-1404	4-1406	Leone, C	4-1417
●	4-1418	6066		Minorca1	UNK	Living	2/27/2017	4-1404	4-1405	Leone, C	4-1418
●	4-1419	6067		Minorca1	UNK	Living	2/27/2017	4-1404	4-1405	Leone, C	4-1419
●	4-1420	6068		Minorca1	UNK	Living	3/17/2017	4-1404	4-1406	Leone, C	4-1420

Living Totals: 10.11.41 (62)



Figure 4. Adult female *Testudo hermanni hermanni* from Minorca, Spain (MU4). Photo by Chris Leone.

NOTES

Due to a computer crash after the 2nd edition, some data has been lost. As a result, some hatch dates and event dates are now unknown. Events will not appear in this edition; a choice to include them again in future editions will be made then. We have partially started from scratch with this 4th edition.

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