

CONTENT

Acknowledgements	5
Contributors	6
Reviewers	8
Translators	9
Pictures contributors	9
Prologue	10
Introduction	11
Chapter I	
Collection plan	17
Planning a trip	17
Chapter II	
Environments	21
Deserts and other xerophytic areas	21
The Gran Chaco	28
Car-catcher	31
Dunes and beaches	33
Collecting in aquatic and semiaquatic environments	35
Mangroves	54
Forest and humid forests	58
Collection of underground beetles	70
Collecting in the mountains	72
Beetles associated with caves and other underground habitats	79
Other places to search beetles	88
Chapter III	
Sampling methods and traps	89
Night collection	89
Xilophagous beetles	96
Traps for xilophagous beetles	101
Rearing larvae living in wood	106
Beetles in fungi	108
Beating Method	115
Sweeping Method	118
Fogging trees	119
Vacuum sampling in shrubs and trees	122
Beetles associated with vertebrates	123
Beetles associated with invertebrates	127
Collecting in insect nests	129
About traps	130
Pitfall traps	131
Pitfall traps made of small plastic containers	131
Traps with fruits	139
Purple traps	141
Concave colored pan traps	142
Flight intercept traps	144

Some device to collect beetles	148
Chapter IV	
Where do they live...	151
Content and Taxonomic list of the Beetles families	151
Where do they live? What do they eat? How to collect the different Beetles families?	154
Suborder Archostemmata	154
Suborder Myxophaga	155
Suborder Adephaga	157
Suborder Polyphaga, Series Staphyliniformia, Superfamily Hydrophiloidea (incl. Histeroidea)	165
Superfamily Staphylinoidea	171
Series Scarabaeiformia, Superfamily Scarabaeoidea	179
Series Elateriformia, Superfamily Scirtoidea	184
Superfamily Dascilloidea	186
Superfamily Buprestoidea	187
Superfamily Byrrhoidea (incl. Dryopoidea, Psephanoidea)	188
Superfamily Elateroidea (incl. Cantharoidea, Armatopodoidea)	191
Series Derodontiformia, Superfamily Derodontoidea	200
Series Bostrichioformia, Superfamily Bostrichoidea (incl. Dermestoidea)	201
Series Cucujiformia, Superfamily Lymexyloniodea	205
Superfamily Cleroidea (By John M. Leavengood, Jr.)	205
Superfamily Cucujoidea	210
Superfamily Tenebrionoidea	227
Superfamily Chrysomeloidea	241
Superfamily Curculionoidea	243
Order: Stresiptera	248

Chapter V

Killing, Temporary storage, Preservation, Labelling, Formulas, Rearing	249
How to kill, store and labelling the collected beetles	249
Basic collection kit	253
Formulas	256
Glossary	260
Useful books for study	264
References	264