



# CERTIFICATE

This is to certify that

**ALFRED DANIEL J**

has completed successfully the CETAF-DEST Blended Training Course

***“Spider taxonomy and field methodologies”***

Place: Natural History Museum of Crete, Heraklion, Crete, Greece & Sitia Unesco Global Geopark, Crete, Greece

Dates: Online: February-March 2023 & Face to face: 3-7 April 2023

Total Learning Effort: 125 hours - ECVET Units: 5

Ana Casino

Dr Catherina Voreadou

A handwritten signature in blue ink, appearing to read 'Ana Casino'.

A handwritten signature in blue ink, appearing to read 'Catherina Voreadou'.

CETAF Executive Director

CETAF-DEST Coordinator

According to

## EUROPASS CERTIFICATE SUPPLEMENT

<b>TITLE OF THE CERTIFICATE</b>	“SPIDER TAXONOMY AND FIELD METHODOLOGIES”
<b>TYPE OF CERTIFICATE</b>	TRAINING CERTIFICATE
<b>METHOD OF INSTRUCTION</b>	Online (Theoretical modules) and Face to face (Field – Lab work)
<b>DURATION OF THE TRAINING</b>	8 working days, 59 hours
<b>TOTAL LEARNING EFFORT</b>	125 hours
<b>ECVET UNITS</b>	5

<b>LEARNING COMPONENTS</b>	<b>ECVET UNITS</b>
1. Evolution of Arthropods, The Arachnid Orders, and Spider Evolution and Diversity	0.4
2. Spider Functional Anatomy	0.3
3. Spider silk and webs	0.3
4. Experimental design and field techniques Taxonomic identifications <ul style="list-style-type: none"> <li>• introduction to collecting methods, setting pitfalls</li> <li>• Lab and taxonomic identifications</li> </ul>	1
5. Introduction to scorpions and other arachnid groups Local spider fauna: What spider families we might encounter and how to identify them? (Part 1) <ul style="list-style-type: none"> <li>• Specimen collection</li> <li>• Processing and identification in the lab</li> <li>• Night sampling (for scorpions, spiders, etc)</li> </ul>	1
6. History of Arachnology/ Arachnology in Greece The local spider fauna: What spider families we might encounter and how to identify them? (Part 2) <ul style="list-style-type: none"> <li>• Specimen collection</li> <li>• Retrieving the pitfalls</li> <li>• Processing and identification in the lab</li> </ul>	1
7. Measuring species richness <ul style="list-style-type: none"> <li>• Processing and identification in the lab</li> <li>• Fieldwork assessment</li> <li>• Final test to assess knowledge acquisition</li> </ul>	1

<b>PROFILE OF KNOWLEDGE, SKILLS, COMPETENCES &amp; BEHAVIOURS</b>	<b>The holder of the certificate has achieved the following professional knowledge, skills, competences &amp; behaviours:</b>
	<ol style="list-style-type: none"> <li>1. Learn about the biology and evolution of Arthropoda and Arachnida.</li> <li>2. Familiarise with spider biology, diversity and societal relevance in the fields of ecology, biomedicine, and biomaterials.</li> <li>3. Learn about experimental design and field techniques.</li> <li>4. Practice sampling methods in the field and their correct application in different habitats (e.g. arid, semi-arid, oak forests, etc.).</li> <li>5. Practice sample processing in the lab.</li> <li>6. Learn to identify spider taxa in the field and in the laboratory.</li> <li>7. Acquire basic knowledge on scorpions and other arachnid groups</li> <li>8. Learn about the history of Arachnology in general, and the Arachnology in Greece.</li> <li>9. Learn the basics of species richness measurements and their application.</li> </ol>
<b>NAME AND STATUS OF THE BODY AWARDING THE CERTIFICATE</b>	CETAF-DEST <a href="https://cetaf.org/dest/">https://cetaf.org/dest/</a>
<b>ENTRY REQUIREMENTS</b>	<b>The trainees belong to one of the following student/academic/professional categories:</b>
	Students (undergraduates, MSc, PhD, postdocs) and professionals interested in spider taxonomy and field sampling
<b>SUCCESSFUL COMPLETION AND ASSESSMENT OF THE TRAINING COURSE</b>	<ul style="list-style-type: none"> <li>• Short interactive quizzes applied after the theoretical sessions</li> <li>• Final group work</li> <li>• Tests at the beginning and at the end of the course to have an evaluation of the knowledge gained</li> </ul>
<b>ADDITIONAL INFORMATION</b>	<a href="https://europass.cedefop.europa.eu/europass-support-centre/certificate-supplement">https://europass.cedefop.europa.eu/europass-support-centre/certificate-supplement</a>











































































