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**REVIEW OF THE** SPIROBOLIDA ON MADAGASCAR, WITH DESCRIPTIONS OF TWELVE NEW GENERA, INCLUDING THREE **GENERA OF 'FIRE MILLIPEDES'** (DIPLOPODA)

> BY THOMAS WESENER, HENRIK ENGHOFF, PETRA SIERWALD



Oxyscelio aclavae Burks, sp. n.

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pattern, the so-called 'Fire Millipedes'.

This issue of Zookeys deals with millipedes from Madagascar, an understudied group from a still little understood place.

Here presented are the findings of a 2007 expedition as well

as the results from general inventory programs undertaken on

Madagascar in the last 10 years. From Madagascar, only three

genera of the order Spirobolida were previously known, most

of them described more than 100 years ago. To our great sur-

prise the newly collected material included more than 37 unde-

scribed species and no less than 12 new genera, of which 11 are exclusively based on newly discovered species. All species are endemic to Madagascar. The family Spirobolellidae is for the

first time recorded from Madagascar with one endemic genus,

while all other 14 known genera belong to the family Pachybolidae. Therefore, more genera of Pachybolidae are now known from Madagascar than from continental Africa and India combined. Up to six different Spirobolida genera occur sympatric in the same forest. Three of the discovered genera contain largebodied species with a conspicuous pitch-black blood-red colour

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