Nematode Identification and Expert System Technology

By -

Springer-Verlag New York Inc., United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The need to identify and name organisms is fundamental to any area of biological science, basic or applied. In order to study or conduct research on an organism, or to convey information on this organism to others, we must be able to attribute to it a consistent label. Attribution of an incorrect label may have dire consequences if dangerous plant parasites are wrongly identified as members of an innocuous genus. Traditional aids to nematode identification (dichotomous keys) use systematic criteria not always well adapted to practical identification. Their reliance on dichotomous principlesdoes not allow for intra-taxon variability or for missing characters. They are difficult to update and they cannot keep pace with rapidly changing classifications. As experts in everyday life, we recognize a horse or a dog wi thout referring to the taxonomic descriptions of the genera Equus or Canis and their respective species. Problems in identification arise when we are not experts in the recognition of a particular organism, or group of organisms. Then, frequently in considerable frustration, we reflect on the usefulness of...

READ ONLINE
[2.96 MB]

Reviews

Very beneficial for all type of folks. It can be rally intriguing throgh studying time. You will like how the writer publish this ebook.
-- Nathan Cruickshank

Totally one of the better pdf I have at any time read through. It really is simplified but shocks within the 50 % from the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Mariano Spinka