



International Association for the
PLANT PROTECTION SCIENCES

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NEW WEBSITE FOR SEED IDENTIFICATION

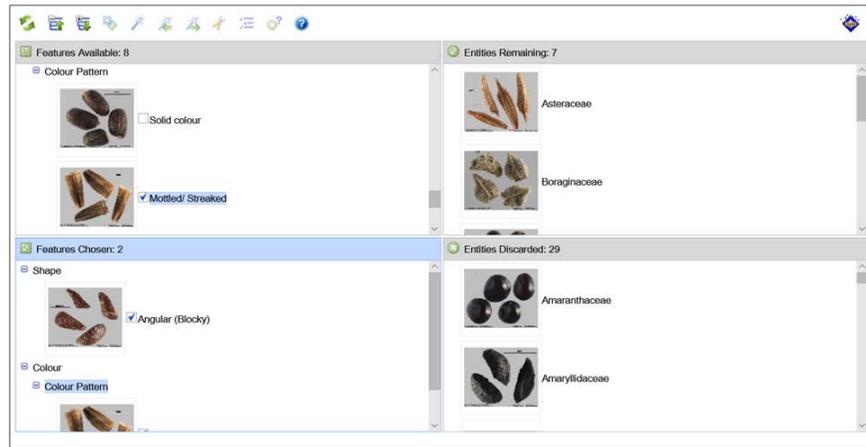
A website <https://www.idseed.org/> has recently been launched by the International Seed Morphology Association to “promote collaboration, knowledge sharing, resource development, and research...” and “...to be a scientific source of seed morphology knowledge and expertise, publishing interactive digital identification tools and establishing a seed identification database for weeds, economically important plant species and wild plant species”.



With a particular emphasis on providing assistance to biosecurity and quarantine agencies, concerned with preventing the introduction of invasive weeds, the site provides information on various resources, including a Seed Identification Guide (<https://www.idseed.org/seedidguide/home.html>), currently consisting of seed identification fact sheets for 127 species, a searchable image gallery, botany glossary, and Lucid seed identification keys with links to two online keys.

The website also provides resources for authors who are interested in developing and publishing seed identification factsheets or images, including protocols, template and standard feature descriptions. See more at <https://www.idseed.org/authors.html>. We welcome authors and collaborators to enrich the resources and the Seed Identification Guide for end users.

Both seed keys are Lucid keys: one key is to 36 common plant families, where a family identification is needed for an unknown seed or fruit. The following feature descriptors are used: Seed shape, Colour, Surface features, Hilum-Attachment scar, Size (Length/Diameter range).



<https://www.idseed.org/seedidguide/keys/details/Use-the-Poaceae-key-if2.html>

The other key is to the propagules or fruits of 102 biosecurity-relevant species of the daisy or sunflower family Asteraceae. It was produced by CSIRO scientist Alexander Schmidt-Lebuhn at the Australian National Herbarium (CANB) in collaboration with and through funding from the Department of Agriculture and Water Resources.

<https://www.idseed.org/seedidguide/keys/details/Use-the-Fabaceae-key-if.html>

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**23RD MEETING OF AAIS SCIENTIFIC
CONFERENCE
FIRST ANNOUNCEMENT**

The African Association of insect Scientists (AAIS) serves persons and institutions interested in the promotion of Insect Science and its Application in the African region. AAIS announces its 23rd Scientific Conference to take place at the Université Felix HOUPOUET-BOIGNY, Abidjan, Cote d'Ivoire, on November 18-22, 2019.

The overall theme of the conference is:

"Biodiversity and Sustainable Development in Africa: Contribution of Insect Science to the Development of Agriculture and Improvement of Human, Animal and Environmental Health"

The scientific program will include an inaugural conference, seven plenary sessions and scientific presentations in relation to the respective sub-themes. Members are encouraged to organize round tables/symposia, provided appropriate thematic subjects are submitted as early as possible.

The conference will be organized according to the following sub-themes:

- Insect for Food and Feed: New Frontiers
- impacts of Climate Change on Insects in Africa: Opportunities and Threats
- Insect Biodiversity and Taxonomy
- Biological Control for Sustainable Environment and Food Security in Africa
- Beneficial Insects (Bees, Silk-moths) in Pollination and Sustainable Food Production in Africa
- Invasive Species in Africa: Monitoring Surveillance and Control
- Human Health including Medical Entomology and Public Health
- Veterinary Entomology: Study of Animal Diseases and Acarology
- Socio-economics and Impact on Insect on Livelihood
- Technology Transfer and Regional Policies

At present, two side events have been scheduled:

- Fall Armyworm and its Implication on Food Security in Africa: Lessons Learned
- Capacity Building-African Entomology Curriculum

A second announcement with more details will be sent to those who will have filled the registration form which can be found online at <http://aaisafrica.org/news-events/>.

Participants are encouraged to respond as soon as possible.

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The IAPPS Newsletter is published by the International Association for the Plant Protection Sciences and distributed in *Crop Protection* to members and other subscribers. *Crop Protection*, published by Elsevier, is the Official Journal of IAPPS.

IAPPS Mission: to provide a global forum for the purpose of identifying, evaluating, integrating, and promoting plant protection concepts, technologies, and policies that are economically, environmentally, and socially acceptable.

It seeks to provide a global umbrella for the plant protection sciences to facilitate and promote the application of the Integrated Pest Management (IPM) approach to the world's crop and forest ecosystems.

Membership Information: IAPPS has four classes of membership (individual, affiliate, associate, and corporate) which are described in the IAPPS Web Site www.plantprotection.org.

The *IAPPS Newsletter* welcomes news, letters, and other items of interest from individuals and organizations. Address correspondence and information to:

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