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data exchange, structured descriptive data, knowledge management system.

Today, several descriptive tools (DiversityDescription, Lucid, Xper²) already support the SDD format. We focus here on the **SDD import/export functionalities** of the identification tools **Lucid**⁽⁴⁾ and **Xper²**⁽⁵⁾ by underlying the different interpretations of the SDD model and the generated problems. Several datasets were tested. The main differences are highlighted here using a dataset on fresh water aquatic insects.

