



## Programs for interactive identification and information retrieval

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Please contact the author if you have corrections, or information about other programs that should be included. The criteria for inclusion are:

1. The program should be a true interactive-key program, as defined by Dallwitz et al. (2000) – that is, a multi-access key implemented on a computer.
2. The program should be a general one, capable of using different data files – that is, the data should not be embedded in the program.

### Programs based on DELTA data files

DAP – ‘Delta Access Perl’. Free. WWW. [Axel Findling](#).

DAWI – ‘Delta Access Web Interface’. Free. WWW. [Axel Findling](#).

Intkey. Free. Windows. [Mike Dallwitz](#), [Toni Paine](#), and [Eric Zurcher](#).

NaviKey. Free. WWW (Java). [Dieter Neubacher](#) and [Gerhard Rambold](#).

ONLINE (PANKEY). Commercial. MS-DOS. [Richard Pankhurst](#). No longer available.

### Other programs

20q. Free. WWW. [John Pickering](#).

3I. Free. WWW. [Dmitry Dmitriev](#).

Gencomex. Commercial. Windows. [Asociación de Biólogos Amigos de la Computación](#).

Lucid2. Commercial. Windows. [Centre for Biological Information Technology, University of Queensland](#).

Lucid3. Commercial. Windows, Macintosh, Linux, Solaris, WWW, WWW (Java). [Centre for Biological Information Technology, University of Queensland](#).

MEKA. Free. Windows. [Christopher Meacham](#).

PHPKey. Free. WWW. [Magnus Lindh](#).

PICKEY, BIKEY. Commercial. Windows. [A. L. Lobanov](#) and [M. B. Dianov](#).

PLATO. Commercial. Windows. [Elizabeth Dauncey](#).

SLIKS. Free. WWW. [Gerald \(Stinger\) Guala](#).

TAXY. Free. Macintosh, MS-DOS, Sun SPARC, SGI IRIX. [Nathan Wilson](#).

Visual Key. Free. WWW. [B. OConnor](#) and [P. Klimov](#).

X:ID. Free. WWW. [David Remsen](#) and [Patrick Leary](#).

Xper<sup>2</sup>. Java, WWW (Java). Free. [Antoine Chalubert](#), [Guillaume Dubus](#), [Cyril Gallut](#), [Benjamin Pavie](#), and [Régine Vignes-Lebbe](#).

Xper<sup>3</sup>. WWW. Free. [Laboratory of Informatics and Systematics of University Pierre et Marie Curie \(Paris 6\)](#).

### Programs no longer supported

ActKey. Free. WWW. [Hong Song](#).

[web.archive.org/web/20080513191050/http://flora.huh.harvard.edu:8080/actkey/index.jsp](http://web.archive.org/web/20080513191050/http://flora.huh.harvard.edu:8080/actkey/index.jsp) (13 May 2008).

ASKATAXA. Free. MS-DOS. [Fred Rhoades](#).

- CABIKEY. Commercial. MS-DOS, Windows. Ian White.  
[web.archive.org/web/20050830075846/http://pest.cabweb.org/identification/biosys.htm](http://web.archive.org/web/20050830075846/http://pest.cabweb.org/identification/biosys.htm) (30 August 2005).
- CompuKey. Commercial. MS-DOS. CompuKey Software Inc.  
[web.archive.org/web/20000925164110/http://www.8d.com/compukey/](http://web.archive.org/web/20000925164110/http://www.8d.com/compukey/) (25 September 2000)
- DET. Free. Windows. Audrius Meskauskas.
- DETGR-UK. Free. MS-DOS. Kees Ulje.
- FAMEX. Commercial. MS-DOS. Asociación de Biólogos Amigos de la Computación.  
[web.archive.org/web/20001031084530/jlagunez.iqumica.unam.mx/~abaco/famex.htm](http://web.archive.org/web/20001031084530/jlagunez.iqumica.unam.mx/~abaco/famex.htm) (31 October 2000).
- FLORA. Free. Windows. Hans ter Steege.  
[web.archive.org/web/20100821064917/http://www.bio.uu.nl/~herba/Guyana/VTGG/Main.htm](http://web.archive.org/web/20100821064917/http://www.bio.uu.nl/~herba/Guyana/VTGG/Main.htm) (21 August 2010).
- FLORA. Windows. Eirene Williams.  
[web.archive.org/web/20070615220320/www.media.uwe.ac.uk/masoud/cal-97/papers/williams.htm](http://web.archive.org/web/20070615220320/www.media.uwe.ac.uk/masoud/cal-97/papers/williams.htm) (15 June 2007).
- Fuskey. Free. WWW. Keith Seifert.  
[web.archive.org/web/20120207023926/www.ctu.edu.vn/colleges/agri/gtrinh/fuskey.pdf](http://web.archive.org/web/20120207023926/www.ctu.edu.vn/colleges/agri/gtrinh/fuskey.pdf) (7 February 2012).
- IdentifyIt (Linnaeus II). Commercial, but free if you register as an ETI partner. Macintosh, Windows.  
 ETI. [web.archive.org/web/20140310231608/www.eti.uva.nl/products/linnaeus.php](http://web.archive.org/web/20140310231608/www.eti.uva.nl/products/linnaeus.php) (10 March 2014)
- KEY. Free. MS-DOS. Colin Legg.
- Keyout. Free. Windows. J. Bayers.
- Lysandra. Commercial. Windows.  
<https://web.archive.org/web/20070607164254/http://www.bonk.ru/lysandra/english/> (7 June 2007).
- Navikey. For current version, see *NaviKey*. V3. Dan McGillicuddy. V2.3. Michael Bartley and Noel Cross.  
[web.archive.org/web/20020402054919/www.herbaria.harvard.edu/computerlab/web\\_keys/navikey/](http://web.archive.org/web/20020402054919/www.herbaria.harvard.edu/computerlab/web_keys/navikey/) (2 April 2002).
- PalmKey. Free. PalmOS. Cam Webb.  
[web.archive.org/web/20120119212331/http://www.phylodiversity.net/palmkey/](http://web.archive.org/web/20120119212331/http://www.phylodiversity.net/palmkey/) (19 January 2012)
- POLLY. Commercial. Windows. Trevor Whiffin.  
[web.archive.org/web/20090402145803/https://www.latrobe.edu.au/botany/rainforests/keys/](http://web.archive.org/web/20090402145803/https://www.latrobe.edu.au/botany/rainforests/keys/) (2 April 2009).
- PollyClave. Free. WWW. Andrew Pavacic and Tim Dickinson.  
[web.archive.org/web/20030207204221/prod.library.utoronto.ca/polyclave/](http://web.archive.org/web/20030207204221/prod.library.utoronto.ca/polyclave/) (7 February 2003).
- PolyKey. Free. WWW. James Adaskaveg. Internet Archive: [polykey.ucdavis.edu/](http://polykey.ucdavis.edu/)
- SIIMM – ‘Serveur d’Identification Interactive MultiMedia’. Free. WWW (Java). Pierre Goujon.  
[web.archive.org/web/20140310234514/http://abiris.snv.jussieu.fr/identification/introduction.html](http://web.archive.org/web/20140310234514/http://abiris.snv.jussieu.fr/identification/introduction.html) (10 March 2014).
- SKEdit/SKBrowse/SynKey. Windows 3.0. Roland Senn.  
[web.archive.org/web/20001119093700/www.cpedu.rug.nl/~S0903701/biosoft/synkeyread.txt](http://web.archive.org/web/20001119093700/www.cpedu.rug.nl/~S0903701/biosoft/synkeyread.txt) (19 November 2000)
- TAXIS. Commercial (free for students). Windows. Evgeniy Meyke.  
[web.archive.org/web/20090630002753/http://www.bio-tools.net/index.htm](http://web.archive.org/web/20090630002753/http://www.bio-tools.net/index.htm) (30 June 2009).
- XPER. Superseded by *Xper*<sup>2</sup>. Free. Jacques Lebbe and Régine Vignes-Lebbe.  
[web.archive.org/web/20090212204241/http://lis.snv.jussieu.fr/apps/xper/](http://web.archive.org/web/20090212204241/http://lis.snv.jussieu.fr/apps/xper/) (12 February 2009).

## Further information

- Dallwitz, M.J. 2000 onwards. A comparison of interactive identification programs. [delta-intkey.com](http://delta-intkey.com)
- Dallwitz, M.J. 2000 onwards. Comparison of the main screens of Intkey and Lucid. [delta-intkey.com](http://delta-intkey.com)
- Dallwitz, M.J., Paine, T.A. and Zurcher, E.J. 2000 onwards. Principles of interactive keys.  
[delta-intkey.com](http://delta-intkey.com)
- Dallwitz, M.J., Paine, T.A., and Zurcher, E.J. 2002 onwards. Interactive identification using the Internet.  
[delta-intkey.com](http://delta-intkey.com)