- ***PREP***, a subset of ***LIB***, contains entries for preprints, reports, conference papers, theses, *etc.* It covers all preprints and reports received in the CERN Library since 1980. It also has publication details for all papers published with CERN as an affiliation and for many conference papers published in proceedings since about 1987.
- ***REACTION DATA*** is a compilation of numerical experimental particle physics reaction data, including data from 2-body (and quasi-2-body) scattering, $e^+e^-$ annihilation, and inclusive hadron, photon, and lepton physics such as total and differential cross sections, fragmentation functions, structure functions, and polarization measurements.
- ***REACTIONS***, in conjunction with ***REACTION DATA***, contains numerical data on reactions: differential and total cross sections, structure functions, polarization measurements, and other quantities. It covers 1952 to the present and is updated approximately quarterly.
- ***SLACPPF/CITATIONS***, a subset of the ***SPIRES-HEP*** literature-searching guide, contains references to papers and preprints since 1980, being comprised of the SLAC PPF (preprint) records with PPA (published references to PPF) updates compiled by the SLAC library. Many journal publications compiled by the DESY library are also included.
- ***VOCABULARY*** controls usage of particle names, accelerator names, detector names, and data descriptors in all PPDS databases.

## 2. Accessing the High-Energy Physics Databases

### 2.1. *Menu-Driven RPP Database at LBL*
To access the ***RPP*** database on INTERNET: `TELNET MUSE.LBL.GOV` (`131.243.48.11`) or on DECNET: `SET HOST MUSE` (`42062`). Then login to the captive account `PDG_PUBLIC` (a password is not required).

### 2.2. *Databases on the INTERNET/World-Wide Web*
Many databases, including several of the high-energy physics databases discussed above, are accessible via the World-Wide Web (W3 or WWW) (see Table 1), which is an INTERNET-based wide-area hypermedia information retrieval system. There are several browsers available (WWW line-mode browser, NCSA's Mosaic browser for X Windows, SLAC's MidasWWW browser for X Windows, Cello browser for MSDOS, *etc.*.) that may already be installed at your institution; if not, try `TELNET INFO.CERN.CH`, which will connect you to WWW and will explain how to acquire the browsers.

Much of this *Review of Particle Properties* can be accessed through the World-Wide Web link

`http://www-pdg.lbl.gov/`

### 2.3. *Library Databases on ALICE at CERN*
The CERN Library ALICE databases are accessible through the World-Wide Web link

`http://www.cern.ch/`

This link and the subsequent "Preprints" link also provide access to full-text preprints received since 1994 from bulletin board archives and from scanned papers.

To access ALICE on INTERNET: `TELNET ALICE.CERN.CH` (`128.141.201.44`) or on DECNET: `SET HOST VXLIB` (`22748`). Then login to account `ALICE` (a password is not required) and select the terminal type according to the menu. ALICE is a full-screen system using the DEC international character set, which can be displayed on suitable terminals. Simple searching can be done by using a menu system or by using the full power of the ISO Common Command Language; HELP displays are provided to guide searching. With the MAIL command, the results of searches can be sent to any e-mail address for printing.

People without login access to CERN can use QALICE.

Typical messages from OpenVMS to QALICE:

**msg** `VXLIB QALICE base prep;f black hole?;`

**msg** `VXLIB QALICE base and 1991-->1992/yr;show`

**msg** `VXLIB QALICE base dir;f org=cern;show full`

Alternately, send a blank e-mail message to

`QALICE@VXLIB.CERN.CH`

and put the query in the subject field. For further information, send the subject `HELP` to QALICE.

Regular weekly or monthly searches of the CERN databases can be arranged according to a personal search 'profile', with the results sent automatically by e-mail. For details on this Selective Dissemination of Information (SDI) service on QALICE, contact David Dallman, Scientific Information Service (SIS), CERN, CH-1211 Geneva 23, Switzerland (`DALLMAN@CERNVM.CERN.CH`).

### 2.4. *Databases on SPIRES at SLAC*
SLAC encourages the high-energy physics community to access its databases through the World-Wide Web link

`http://www-slac.slac.stanford.edu/find/spires.html`

leading to ***SPIRES-HEP***, ***BOOKS***, ***CONF***, ***HEPNAMES***, ***INSTITUTIONS***, ***EXPERIMENTS***, and other SLAC databases.

People without login access or World-Wide Web access to SLAC can use QSPIRES. QSPIRES, as described in the 1992 edition of the *Review of Particle Properties*, is a remote server which enables e-mail access to SPIRES databases. Effective March 1994, registration or authorization is no longer needed to access QSPIRES. For further information on QSPIRES, contact `QSPI@SLAC.STANFORD.EDU`.