APPENDIX D.   DIFFERENCES BETWEEN XEROX WORKSTATIONS AND THE UNIX VERSION OF MEDLEY

Local Disk and Floppy Functions

The functions for controlling device-specific behavior of the Xerox 1100 series workstation disk drives are not supported. These functions signal the error

```
Wrong machinetype
```

if called when running under UNIX. These functions include

```
IL:PURGEDSKDIRECTORY
IL:CREATEDSKDIRECTORY
IL:VOLUMESIZE
IL:DISKFREEPAGES
IL:DISKPARTITION
IL:SCAVENGEDSKDIRECTORY
IL:FILENAMEFROMID
```

The following functions for controlling the Xerox 1100 series workstation floppy disk drive also signal an error under UNIX:

```
IL:FLOPPY.FORMAT, IL:FLOPPY.NAME, IL:FLOPPY.TO.FILE,
IL:FLOPPY.FROM.FILE, IL:FLOPPY.ARCHIVE, IL:FLOPPY.UNARCHIVE,
IL:FLOPPY.MODE, IL:FLOPPY.FREE.PAGES, IL:FLOPPY.CAN.READP,
IL:FLOPPY.CAN.WRITEP, IL:FLOPPY.WAIT.FOR.FLOPPY,
IL:FLOPPY.SCAVENGE
```

These functions signal the error

```
Floppy:  No floppy drive on this machine. Device error:
{FLOPPY}
```

The following functions have no effect and always return NIL on UNIX:

```
IL:VOLUMES
IL:LISPDIRECTORYP
IL:DSKDISPLAY
```

Library Modules Not Supported on the Sun

The following modules listed in the manual *Lisp Library Modules,* Medley Release*,* are not supported on the Sun Workstation running Medley.

TCP, TCPCHAT, etc.

Because SunOS supports TCP/IP directly, TCP packets cannot be routed to Medley. For this reason, the TCP library modules are not supported on the Sun Workstation.

DLRS232C, DLTTY

The DLRS232C and DLTTY library modules are specific to the hardware devices available on the Xerox 1100 series workstations. Serial lines and other devices can be accessed from Medley either through sub-shells, or by using the {UNIX} file device, e.g., writing to {UNIX}/dev/ttya or {UNIX}/dev/ttyb.

The following library modules are normally used with equipment attached to the Xerox 1186 RS232 serial lines:

> FX-80DRIVER
> 4045XLPSTREAM
> KERMIT
> RS232CHAT.

KEYBOARDEDITOR, VIRTUALKEYBOARD

Medley does not include versions of KEYBOARDEDITOR or VIRTUALKEYBOARD library modules that know about the Sun keyboards.

VIRTUALKEYBOARD lets you bring up keyboard images that give you access to special characters via the mouse. The keyboard itself is unaffected.

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