28/6/81

```
C   WASP WEEKLY DATA
    DIMENSION J(74), LL(200), ID(74)
    READ(2,101) ID                    IX, IY, IZ
1   READ(2,102,END=200)               INT, INTB, INTA
    WRITE(3,102) IX, IY, IZ
102 FORMAT(1X,3A1)        101 FORMAT(20I4)
2   READ(1,103,END=200) J             103 FORMAT(7X,7A1)
    I=1 ; IB = J(I)
3   J = J+1 ; IF (I.GT.74) GOTO 2
    IC = J(I) ; IF (IB.EQ.IC) GOTO 3
    IF( IC.EQ.IX.AND.IB.EQ.IX.AND.IC.EQ.IY) GOTO4
    IB = IC ; GOTO 3
4   LFRM = I ;
5   J = I+1 ; IF(I.GT.74) GOTO 2
    IF(J(I).EQ.IY) GOTO 5
    IF(J(I).EQ.IZ) GOTO 6
    IB = J(I) ; GOTO 3
6   LTO = I-1
    LNGT = ID(LTO) - ID(LFRM)
IF(LNGT.LE.200) LL(LNGT) = LL(LNGT) + 1
    IF(LNGT.GT.200) LG200 = LG200 + 1
    IB = IZ ; GOTO 3
200 REWIND 1 ; GOTO 1
100 CONTINUE
    WRITE(3,104) LG200 ; WRITE(3,104) (K, LL(K), K=1,200)
```

LNGT = LNGT + (ID(I) + ID(LFRM) - ID(LTO) - ID(LFRM-1))/2

(IX IT J2) 2 3 4

En Lavel

UV Spectroscopy
IR ,,
Rlas spectroscopy — Jaizaman
NMR

I+6 = 444
439 × 74
1756
3073×
32486

DIMENSION I(439, 74) 28/6/81

READ (2, 3) ~~END=2~~ ((I(J,K), J=1,439), K=1,74)
WRITE (3, 4) ((I(J,K), K=1,74), J=1,439)
3 FORMAT(6X, 69A1, /, 1X, 74A1, /, ~~74A1,~~ 1X, 74A1, /, 1X, 74A1, /, 1X, 74A1)
~~WRITE~~ 4 FORMAT(1X, I5, 1X, 74A1)
STOP ; END

29
46

→ 10 FORMAT(~~21X, 25I5~~) 10 (I4, '=', I5, 2X))
STOP ; END

SEQWK.FOR

1 → data
2 JX IT J2
3 LPT
4 ID

Popel

~~27~~/6/81 Methods in computational Physics
~~2130~~ 530.1594

Dominance Hierarchies among Worker and
Nature - News & View by R M May
291 281 (1981) 28 May 1981

~~51~~ Cole Science 212 83, 1981

Productivity of a lawn
Nature NSV P.D. Moore
Falk (Ecology 57 141 1976)
J. Appl. Ecology 17 689 1980

1.05 Kg m^{-2} per year

Stability of a real Ecosystem
P. Yodzis Nature 289 674-676 (1981)
Ref.

IUSSI 86

22/8/86

Round Table Discussion

1. "Methodological Reductionism" —
   Laboratory Setup Vs Natural Habitat, w.r.t. Bin/cue recognition
   Extrapolation?

2. Costs of misidentification likely to be high
   ∴ signals more complex?
   How to deal with the complexity?

3. Nature of cues? Classification — Discrimination cues – generic.
   — Discriminaly substances? Environmental

   Extrinsic cues
   i) Matrilineal - embryonic
   ii) " by proximity
   iii) Indirect cues by location.
   iv) cues obtained from environment — eg. diet.

TELEX 0 845 8349 BG

MSG TO
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ARRIVED SAFELY ARRANGMENTS EXCELLENT

REACHING BANGALORE NEXT WEDNESDAY

JOSHI

TELEGRAM ?