

JCA

Trip No 34

Iran

22nd May - 9th June 2000

JCA16700 – 17010

with Norman Stevens & Bob Wallis

IRAN

22,5.00

TO

9.6.00

START 16 700 : 22.5.00

QAZVIN / Stony clay on open slopes
LOWSHAN

Shahkard valley 13 km S of Lowshan
Coblicium
600 m.

16700

Muscate

16701

Hyacinthella persica

(15)

16702

Julipa ? montana.

Steppe vegetation on open slopes
1230 m.

W of

Gelvan (to Zaryan)

: ~~1230~~ m.

16703

Salvia hydrangea

16704

Aethonema grandiflorum

705

Crocus biflorus

706

Julipa ? steppii

-10

ZANJAN

← 1250 m.

NW of Zaryan - 23.5.00

Mahan - Myanah - Khalkhal

Sandy clay & gravel hills in river valley.

16705

Julipa polychroma

16711

16706

Hyacinthella persica

16712

16707

Eremurus

16708

Allium (acanthoprasum)

16709

Allium acanthoprasum

16710

Allium gibbosa

1500 m.

14

15 : 16 : 17 : 18 : 19

meda of

20K NE of Myanah

24.5.00

E of

(Asalem) Khalkhal (Ardabil)

Gilan, WSW of Asalem woodland.

1200 m.	Arum sp. (L)	16720
	Cardamine sp. (L)	21
	Struthiopteris (P)	22
1500 m.	Euphorbia (LP) purple bracts	23
	Digitalis (O)	24
	Cephalanthera (P)	25
		26
		27
GILAN/ ARDABIL	Galenthus ?	28
	Scilla transcaucasica.	29
1850 m.	Arum	30
	Crocus? speciosus (DBS)	31
	Colchicum	32
1900 m.	Antillaria	33
	2000 m. Vinithogalum	34
	[Pale yellow seeds / 5-6 fls.]	35.36
	Scilla : 16736	37
	Antillaria	38
	Crocus ? speciosus (DBS)	39
	Muscari SL (3)	40
	Aster alpinus P	41
	Centaurea P	42
	Pulsatilla albana PS	43-46
	Juncella morchus P	

ARDABIL,

1900 m.

E of

Ardebil: Khalkhal 24.5.00

16747

Paeonia tomentosa P.

48 *Allium* ? *scheikowikowii* HP

49 *Iris imbricata*

50 *Nepeta* H

51 ? *Aedysarum*.

52

53

GILAN/

54

ARDABIL: NE OF ARDABIL

Ardebil = Astara Pass 25.5.00

1000 m.

16755

Primula vulgaris S

56

Nepeta here: Beech scrub: 1000 m.

57 *Nepeta* here also.

Ardebil: Kuhl e Sabalan. 25.5.00

N OF ARDABIL

16758 *Erigeron acutifolius*

16758A

SELECTED DARK

59 *Allium scheikowikowii* ?

60 *Umbrychis* / *Astragalus*

61 *Veronica* / *Ornithoglossum* /

64 *Colchicum trigynum* /

65

66 ~~Veronica~~ *Puschkinia* / *Ranunculus* /

69 *Allium* (NS & RW)

C. trigynum /

2650

→ 72

E. AZERAYEJAN
TABRIZ

Ardabil - Tabriz. 26.5.00

SW of Ahar : GOJABEL PASS.

Ahar / Tabriz Pass : ^{montane} steppe : 1820 m.

16773

~~Trillaria crassifolia~~ (8) (Kharadghensis) SL

74 Iris acutiloba. LP (few)

75 Allium sp. SL

76 Julipa sp. SL (? biflora) (1)

77 Ornithogalum L

78 Crocus biflorus (NS: L)

79

80 SE of Tabriz, E. Azerbayjan

Shibli Pass : 2020 m.

TABRIZ

16781 Iris acutiloba P

82 .. reticulata (L: RW).

83 .. : juno : pseudocaucasica S

84

85 Ornithogalum

86 Onobrychis : 0

87

88 Euphorbia (Myrsinites Sect.)
very compact 0

89

E. AZERBAIJAN

Jabray - Marand - Jolfa. 27.5.00
Open stony slopes.

Hills SE of Marand 1750 m.

16790 *Scortchiea* (minor) S; *L. americana*

91 *Iris pseudocaucasica* S

92 *Allium*

93 *Julipa*

94 - 95 - 96 [Low gravel hills

S of Jolfa, E. Azerbaijan 1400 m.

16797 *Colchicum trigynum* — 16798-99

16800 *Iris* ? *paradoxa*

16801 *Julipa*

16802 / 803 / 804

Khoi - (Maku) - Khoi - Urumiye

W. Azerbaijan 28.5.00

Khamsan Pass N of Khoi (1): 1585 m.

Iris batumae L 16805

" *sp. duno* S 16806

16807

2 1380 m. | 16808

Iris ? *lycotis* | 16809

" *sp. duno* S - | 16810

16811

16812

16813

3.

28.5.00

Iris ? lycotis 16814

4 Euphorbia (Myrsinites) N of Khamsian 16815 - 816-7

5. Iris umensis L 16818 28.5.00

Bellevalia S 16819 1780m.

Aritellaria S 16820

Gladstones L 16821

16822

16823

16824

W Azerbaijan 29.5.00
 Cromyeh : S of Silvaneh
 1550 - 1700m. steep E-facing
 slope.

16825 Colchicum 1550m. damp S.

26 Iris persica 1600m. S

27 Iris lycotis 1600m. LSP

28 " peticulata 1700m. L

29 Salvia suffruticosa P; S multicaulis

30 Tarula, etc.

31 - 32 - 33 - 34

W Azerbaijan 29. 5.00

Pass between Disaj & Agh Bolagh.

Gravelly clay slope 1870 m.

1683 ~~5~~ Astragalus, etc.

Iris sp. Juno SL

36 Crocus cancellatus L: DBS

37 Iris reticulata: S (LANS)

38 Agh B. to Sangar 29. 5. 00

39 1500 m. : today slopes: limestone

40 Iris aucheri S

41 Bongardia L

42 Iris persica O

43 Astragalus HP

44 Acantholimon O

45 Eremastachys molucalloides O

46 " sp. orange pink, act leaf H

47 Bellevalia S

48 Tulipa stapfii ? S

49 Gladiolus ! S

50 Colchicum S

51

52

53 - 54 1/25/51

16856
57

30.5.00

- 16858 *Scymnus*? *apetabilis* / *luteus* S
59 *Salvia* pink H. 6 L. 62 + 63
60 (*Crocus cancellatus*, *Iris retic. albans*)
16864 *Iris*: *Onco*: few not in fl.
65 - 66 - 67 - KORDISTAN
Pass 50 km N of Durandanch
: gravelly clay slopes; steppe
2000 m. → very woolly turf
16868 *Julipa*? *stapfu* L.S. ①. ②
69 *Fritillaria*? *crassifolia* Kurdiea ③
70 *Allium* sp.? *scheikwanianii* L.S.
71 *Iris reticulata* (N.S.).
72 *Iris acutiloba* L.
73 *Crocus cancellatus* L.
74
75 - 76 - 77
16855 - 16867 W. Azerbaijan
16855 : 25 km. SE of Mahabad
1865 m., limestone hill
→ *Gladiolus atrovirens* steppe veg.
(NS coll: data on bag.)

KORDESTAN

WNW of
Sanandaj Marivan 31. 5. 00

Scree slopes at top of 1st Pass 2100 m.

16878

Aritillaria (5) SL (8)

79 *Crocus cancellatus* L (2) : DBS

80 *Urginea* ? L (5)

81 (*Iris reticulata* RW)

82 *Leontice minor* S

83 *Bongardia chrysoy.* S

84 *Rheum ribes* S

85 *Allium*

86

16888 →

87

SW of Nagel (± 35 km. from Marivan).
 1350 m. Oak scrub on shale

16890 *Ixiolirion*

91 *Julipa* ep. S

92 *Gentiana olivieri* S

93 *Bongardia* S

94 *Muscari* 'Blue hot P.' S

95 *Ixiolirion* S

96 *Allium* sp. robust ? yellow 50-60 cm S

97 *Aritillaria* SL

98 *Rheum ribes* (*Iris* just a few)

16899-900 KORDESTAN

Sanandaj - Marwan 31.5.00

W-facing slope \pm 35 km from
WNW of Sanandaj. : 1600 m.

16901 *Iris* ? *aucherii* L (2)

902 *Bellevalia* S

903 *Leontice leontopetalum* S

904 *Stritillaria* S

905

906

Oak scrub (fairly dense) ^{SE of} ~~at~~ Marwan
1300 m.

16888 *Muscari* sp. L. (3) / 16889

KORDESTAN, ESE

1.6.00 : E of Sanandaj 2050 m.

- 16907 ? ? *zagrica* SL
 908 *Leontide leontopetalum*
 910 *Phelipaea coccinea*
 911 *Tulipa stapfii* ?
 912 - 913 - (914) } *Sulla perca*
 } *Bellembia* fig. 3

HAMADAN,
 50 km. NW of Hamadan 1900 m.
 Sandstone/clay hills with
Hultthema, *Dendrostellera*, etc.

- 16915 *Colchicum*
 916 ~~*Bellembia*~~ *Muscari*: tall elongated pedicels
 917 *Iris* ? *meda*
 918 *Delphinium* . purple
 919 *Salvia cryptantha*.
~~*Bellembia* 920~~ - 921-22 930 W-facing Bellembia

2.6.00 : Hamadan. Alwend. nit
 16923 *Primula (auriculata)* & *P. capitellata*
 924 *Dactylorhiza*
 925 - 926 - 927 / HAMADAN
 30 km. W of Hamadan to ~~Alwend~~ *Alwend*
 (para) 2200 m. *Octogalus* steppe on plate &
~~relict~~ *Iris* *hym. leptoneura* L & S
 929 *Ornithoglossum zagrica* (3) L & S. 930-931

LORESTAN.

3.6.00 : WNW of Dorad / ^{E side} (Rayan Pass) / ^{E of} Khorramabad pass
2000 m.

Loose sandy clay slope

- 16932 *Salvia cryptantha* S
 933 *Gentiana olivieri* S
 934 *Nepeta* : 0
 935 *Salvia* : white 0
 936 *Stitillaria chlorotab.*? SL (1)
 937 *Muscari* ~~Mellissian~~ SL
 938 *Colchicum* S : few ^{album}
 939 *Iris lycotis* (NS:0) ^{hirtifolium}
 940 ; ~~941~~ ; 942 ; 943

Same pass : higher on limestone
rock ledges above pass : 2200 m.

- 16944 *Colchicum* (large : few seeds) S
 945 *Iris reticulata* L S (2 clones)
 946 " " *hym. lept.* L S
 947 " *lycotis* L S
 948 *Delphinium* L (1)
 949 *Album* L.
 950
 951
 952

LORESTAN, SE of Dorud

4.6.00 : Ushtaran: Kuh
above Ihuire

16953

Antillarja imperialis SL.

54 *Iris (Luno)* SL.

55 *Colchicum kotschy*

56 (*Stilipa staffei* RW)

57 (*Stit persica* RW)

58 (*Colchicum crocifolium* RW)

59 (*Stit chlorantha* RW)

60

61 [1740 m. in valley]

62 [to 2300 m.]

63

LORESTAN W

5 km. ~~SE~~ of Ayna 1900 m.

16964

Gladiolus straviolaceus S

65 *Iris (Luno)*.

66 (*Stit* : RW). etc / 67; 68
69

Inchodesma molle P

16970

; 971; 972

LORESTAN N, E & S-facing clay & shale slopes.

5.6.00 : SE of Aliqudary to Isfahan (95 km from Isfahan).

2250 m.

16973

Edlivalia S + L.

74 *Aris (Luna)* S

75 *Eremurus* S

76 (*Aris* : RW).

77 *Ornithogalum* S : tall.

78 ESFAHAN

79 SE of Khonsar 2600 to
Gudar. i. Khonsar 2620 m.

16980 *A. zagaria* S + L. (6) 2600 m.

81 *A. imperialis* S

82 *Aris lycotis* ? : 12 caps. ~~R~~

83 *Colebacium*

84 *Allium* ? *hirsutum* : good colour. S

85

86 ESFAHAN.

S of Damaneh 2400 m.

Euphorbia (with *Phlomis*)

16987 - 88 - 89 - 90

SSW : QOM

7.6.00: S of Teheran:

16991 Iris : shale & mud hillocks
— 992

TEHRAN

8.6.00 : W of Tezykuh : 2000 m.

16993 Eremurus stenoph. : need 94
Stony slopes; steppe

9.6.00 Teheran to Chalus
above Gach Sar 2850 m.

Degraded montane steppe
Steep loose shale slopes

16995 Julipa montana L

996 Iris sp. Juno SL

997 Allium : pinks : Acanthoprasum SL

998 Colchicum SL

999 } Steep stony clay slopes with
Unobrychis & Astragalus

16999 Iris demavendica SL

MAZANDARAN

Chalus → Teheran. : Cyc. elegans
(Arum)

17005 Primula auriculata

17006 Colchicum ; 17007 ; 17008-009

17010 Allium