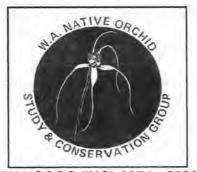
14 Dec.

BULLETIN JULY 2009

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President: Christine Lock V President 1: Stuart Harris V President 2: Eddy Wajon Secretary: Ramon Newmann Treasurer: Matz Dahlkamp Committee: 1 Kim Hanson 2 Margaret Fox 3 Jeremy Storey 4 Thea Hanson Editor: John Ewing



WANOSCG (INC) 1974 - 2009

Patron: Dr S Hopper Registrar: Christine Lock Librarian: Bill Burton Field Trip Coordinator: Ross Fox Conservation Officer: Eddy Wajon Supper Coordinator: Donna Wajon Auditor: Phil Bunney **Conservation Council** Rep: Eddy Wajon Christine Lock

OBJECTIVES OF THE GROUP

- To promote interest in and preserve Western Australian indigenous orchids.
- b) To learn the best means of cultivation and do all things possible for the conservation of native orchids in their environment.
- c) To learn their habits and keep records.
- d) To have field days and learn to recognize the different genera and species.
- e) To hold meetings for the exchange of knowledge and furthering of interest in W.A. orchids.
- To affiliate with kindred organizations.
- g) To make rules for the governing of the Group's domestic affairs.
- h) To do all such lawful things as are incidental to or conducive to the attainment of the above objectives.

Note: The opinions expressed by contributors to this Bulletin are not specifically endorsed by this Group.

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WEB ADDRESS:

WEB MASTER: Don Ward email: REGISTRAR: Christine Lock

NEXT COMMITTEE MEETING

Wednesday 15TH July 2009 at 7.00pm at the Lecture Theatre, Kings Park Admin. Office. **NEXT GENERAL MEETING**

Wednesday 15th July 2009 at 8.00pm at the Lecture Theatre, Kings Park Admin. Office.

BULLETIN ARTICLES

Please email any Bulletin contributions to John Ewing at or call on Articles for the next Bulletin need to be submitted by 1st of the next month.

FORTHCOMING MEETINGS

15 July General Meeting 19 August General Meeting 16 September General Meeting

PLANNED FIELD TRIPS

JULY 26 Yillimining Rock - Meet at 10am on Williams-Narrogin Rd at the layby approx 22 east of Williams, just before Narrogin August 21 (Friday) - 23 Field trip and survey to Mt Gibson (south of Paynes Find) Must be fit, lots of walking, max 20 people, Accomodation in a shearing shed & unpowered camping. Camp kitchen available. Trip will be cancelled if rain a few days before. Details about meeting places in next bulletin Sept 6th, Weam Nature Reserve - to see Caladenia. williamsii. Meet at 9.15 at Robinson Rd . near railway station in Brookton. Strict viewing procedures apply to viewing. Sept 13 & 20 depending on flowers, will either be at the burns at Yanchep National Park or Greenmount then along the York Rd (see future bulletins for more details or contact Ross

Sept 26 - 28 long W/E. Meet at Jerramungup Caravan Park(ph 98351174) @ 11 am Sat. 26th. Cabins available.

Oct 4th Jarrahdale - Thelymitra frenchii - date may be changed depending on flowering. Meeting details in a future bulletin

Oct 10 - 11 Frankland, meet at caravan park at 11 am Sat 10th. The only accommodation available in the area is at the following-

Alkoomi Wines Wingebellup Rd (ph 98552229)

Ferngrove Winery Ferngrove Rd (ph 98552365)

Osbourn Lodge B & B Yarnup Rd (ph 98566287)

Oct 18th - Brookton Hwy. Meet at Edison Mills Rd corner Brookton Hwy at 10 am.

WANOSCG MINUTES WEDNESDAY 17th June 2009

Meeting at: BGPA Boardroom. Wednesday 17th June 2009. Commencing 8:15 pm ATTENDANCE: 34 members present, 10 apologies, 0 visitor as per Attendance book. VISITORS: none RAFFLE: Kindly donated by Noel Clarke MINUTES TO THE MEETING 20TH May 2009:

The following corrections on the May 20th

Bulletin were noted:

General Meeting minutes as published in the

General Meeting 18 November General Meeting

21 October

- 1. There are a number of small errors in the Auditor's Report as published, though the total figures are correct. The Treasurer will provide the corrections and publish it in the next Bulletin.
- 2. Bob Steer won the raffle prize, not Jack Eborall.

FIELD TRIPS: Ross outlined the trips as printed in the Bulletin

- 1. The next planned trip is JUNE 28 Australind and Ludlow - Meet at 10am at the nature strip 55km form Bunbury on the Old Coast Road.
- JULY 26 Yillimining Rock Meet at 10am on Williams-Narrogin Rd at the layby approx 22 east of Williams, just before Narrogin
- 3. A potential trip to Mount Gibson is being investigated. Recently an Australian birds survey was conducted at the station, owned by AWC, and they are keen for an orchid survey. The maximum size of group that they could take is 20 to 25 from a known group such as WANOSCG - with just few beds being available, other wise members will be able to camp. Rains would be needed to make the trip worthwhile - end of August is a possibility.
- 4. Ross is looking for any member reports on burnt out areas for possible trips. The Greenmount burnt areas may be an option for a survey in July/Aug.
- 5. A recent visit to the Mogumber area by Ross and Margaret Fox revealed just 2 flowering Thelymitra apiculata plants.

GENERAL BUSINESS:

- 1. Tom Blinco:
 - a. requested that it be recorded that Stuart Harris was acting as Secretary at the May meeting
 - b. asked for clarification on whether the Constitution would need to be amended to accommodate the Southern Rivers sub-group. The President confirmed that no changes would be required to the Constitution, but the

- Committee could create any by-laws that may be necessary. Any such by-laws would be circulated in the Bulletin before being accepted.
- c. Asked if it was necessary to limit access to the group's database to just contributors. Filtering of requests for database information is in place. The registrar filters information given out to persons who request information.
- Eddy Wajon summarised his Conservation Officer's report – including an 8 page submission to the Shire of Toodyay, and the publication of an article on WANOSCG in the Greener Times paper.
- 3. A group member has requested that Electronic Funds Transfers be facilitated for the payment of annual subscriptions. In order to keep up with the changing times, at the start of next year the group's bank BSB and account number will be published in the Bulletin. Members will then be able to pay their subscriptions by this method, but will be asked to email the secretary with the details of their payments, including the receipt number. The Secretary will then pass on this information to the Treasurer in a timely manner.
- Tom Blinco requested that we reinstate the practice of circulating the correspondence list and financial report with the attendance book each meeting. It was agreed that this would be done.
- Eddy W. reported that he had been approached by Andrew Brown, DEC, to write a submission from the Group to the Wireless Hill Vision 2020. Eddy undertook to write such a submission.
- 6. On behalf of Jack Eborall (who sent his apologies), Tom B. noted that no notification had been given of the recent Denmark trip by the Southern Rivers sub-group. The President replied that there was not enough time to include a notice in the Bulletin as the weather dictated the timing and this did not fit in with the Bulletin schedule – however emails were sent out.

- The President reported that the current batch of Keep Australia Beautiful bags had run out, but an other lot was on order
- 8. A consensus was sought on the orchid naming references to be listed in the orchid sighting reports. A motion was carried that all references would be used would be trialed until Feb 2010, when it would be reviewed motion proposed by Wayne Merritt and seconded by Stuart Harris and passed. President to follow-up. This form will be published in the next Bulletin and an electronic copy sent to those on email.
- Since an increasing number of group photos from trips are being used in publications beyond the Bulletin (eq. Greener Times), and it is becoming difficult to contact each person in the photograph to ask for their permission in the time required, as part of next year's membership submission it will be stated that all members will be regarded as giving the group the right to publish their photo if it is taken on a group trip if it is to be used for the nonprofit promoting of native orchids unless the member otherwise notifies the person taking the photo at the time.
- 10. Kim Hansen has now completed the review of the Field Trip Protocol, with the help of Eddy W. – the current form will be published in the Bulletin and on our web page and used for this year. It will then be reviewed for 2010, so feedback is sought from members.
- 11. It was noted that other clubs and societies adopt a protocol of using mentholated spirit spray on any surfaces that will come into contact with the ground (eg shoes, tripods and tyres) to protect against the spread of dieback. (typically a 20-50% solution of meths & water from a relatively cheap and readily available spray bottle). The President indicated that this form of protection was encouraged and that it is up to individual members to bring along their own spray.
- Mark Brundrett reported good results from his orchid propagation project. The results are currently being reviewed, and looked promising.
- Ramon raised the need for names of family members to be documented on

- the membership for insurance purposes, RN and CL to follow-up
- 14. The President has contacted Stephen Phillips in regard to By-laws and await documentation.
- 15. Insurance cover was discussed and Phil Bunney commented that ANOS now use another organization which covers visitors, people aged over 70 and equipment. RN to follow-up
- 16. Don Manners raised the issue of Auditor's report inconsistencies as noted above.

PRESENTATION BY Eddy Wajon on the Wildflowers of the Exmouth and Pilbara region. RAFFLE DRAW:

Noel Clarke drew the raffle which was claimed by Don Manners GROWERS TABLE: n/a NEXT MEETING DATE: 15th July 2009 MEETING CLOSED at 10:10PM

CORRECTIONS from AUDITORS REPORT

In the last bulletin there were some typing transcription and addition errors made by the editor. On page 2 the total for investments should have read \$8212.91 not \$9212.91. On page 3 in the Expenditure there were 2 other minor typing errors involving stationery (\$1) and iiNet (0.20c) but the totals for other which were from my incorrect additions of smaller items should have read \$282.40 (not \$202.40) for 2007/8 and \$86.00 (not \$107.75) for 2008/9. My apologies to the treasurer and the (Editor) auditor.

Name Corrections from Andrew Brown

Please note that in Eriochilus scaber the subspecific name orbifolia was changed to orbifolius in early 2007 to correct the gender to masculine. I had forgotten about this and did not include the new spelling in "Orchids of Western Australia".

TOM BLINCO ADDITION

Members using Hoffman and Brown "Orchids of South-West Australia" please also note, the photo on page 188 of either volume is actually Eriochilus scaber subsp. scaber.

No photo of Eriochilus scaber subsp. orbifolius has been published. However, the subspecies is described in Hopper, S.D. and Brown, A.P. Contributions to Western Australian orchidology: 3. New and reinstated taxa in Eriochilus Nuytsia 16(1): 29-61 (2006) and is briefly described and illustrated (painting) in Brown, et al. Orchids of Western Australia 202-203 (2008).

ORCHID SITING REPORT SHEET

Included in this bulletin is our new Orchid Siting report sheet. Members receiving the bulletin electronically will see the 2 pages separately and in colour. Print versions are in B&W but the colour code for page numbers in the three reference sources, shows in this version as 'black' (ordinary print density), 'red' as a paler print and 'green' in bold print (darker print density). The sequence for any species is always black, red, green although some have only two or perhaps only one reference source. Hopefully this is still easy to

A sheet can be used for more than one site. although there is little space to put in data for the same flower on different sites in the one box. In this case perhaps use the box immediately below and make a note on the sheet.

The most important aspect is to USE the sheets and send them into Christine Lock so they can be recorded on the club's data base.

ANDREW BROWN REQUEST FOR HELP Attached please also find a list of Thelymitra species that occur within a one or two hour drive from Perth. Peter Bernhardt (Saint Louis University, Missouri USA) will be spending several months in WA this year (September to November) on a National Geographic grant to study the pollination biology of sympatric Thelymitra species. Ideally, he wants sites in which two species overlap in relatively large numbers (>20 flowering stems in a population). I have a fair idea of locations for most of these taxa but it would be good if members of the group could provide me with some additional locations (preferably in Cons Reserves of State Forest) within an hour or two of Perth where they have seen these plants in good numbers. Locations to be sent to me care of my email address below. Andrew Brown Coordinator - Threatened Flora; Species and Communities Branch Department of Environment and Conservation

(DEC)

17 Dick Perry Ave KENSINGTON | Locked Bag 104 Bentley DC WA 6983 | www.naturebase.net

Thelymitra species that occur within a two hour drive from Perth

Thelymitra				
	Distance	Flowering	Population size	Sympatric species (sometimes). Note these do not necessarily flower concurrently.
antennifera	30 mins to 2 hours	August-early October	25+ (sometimes hundreds)	petrophila, benthamiana, crinita, flexuosa, frenchii, maculata ms, magnifica, mucida, petrophila, sp. Northern Swamps, spiralis, villosa, vulgaris, xanthotricha.
benthamiana	1 to 2 hours	October- November	10+ (25+ in a good year)	antennifera, crinita, dedmaniarum, flexuosa, maculata ms, villosa, xanthotricha.
campanulata	30 minutes	September- early October	5+ (more common in some years)	crinita.
crinita	30 minutes to 1 hour	Late Sept - early November	25+ (sometimes hundreds)	antennifera, benthamiana, dedmaniarum, flexuosa, graminea, macrophylla, maculata ms, magnifica, sp. 'Wandoo', stellata, variegata, villosa, yorkensis.
dedmaniarum	1 hour	November	5+ (very rare)	benthamiana, crinita, graminea, macrophylla.
flexuosa	30 mins to 2 hrs	September- October	25+ (sometimes hundreds)	antennifera, benthamiana, crinita, mucida, sp. 'Northern Swamps', vulgaris, xanthotricha.
frenchii	1 hour	Late Sept- October	5+ (very rare)	antennifera, crinita.
fuscolutea	30 minutes	November	10+ (rare in Perth Region)	crinita, macrophylla.
graminea	30 mins to 1 hour	Late Oct- November	25+ (sometimes hundreds)	crinita, macrophylla, villosa.
latiloba	2 hours	Late Sept - October	10+ (sometimes more)	crinita, sp. 'Wandoo'.
macrophylla	30 mins to 1 hour	Mid Sept- October	25+ (sometimes hundreds)	crinita, dedmaniarum, graminea, magnifica, stellata.
maculata ms	1 – 2 hrs	August	5+ (very rare)	antennifera, benthamiana, crinita, villosa.
magnifica	30 mins	October	5+ (very rare)	antennifera, crinita, macrophylla
mucida	30 mins to 2 hrs	October- November	5+ (rare in the Perth Region)	antennifera, flexuosa, sp. 'Northern Swamps', vulgaris.
petrophila ms	2 hours	Sept-Oct	25+ (sometimes hundreds)	antennifera
sp. 'Northern Swamps'	30 mins to 2 hrs	Late Sept - October	10+ (sometimes more)	mucida, vulgaris
sp. 'Wandoo'	1.5-2 hrs	Late Sept- October	10+ (sometimes more)	latiloba
spiralis	2 hours	August	5+ (not extant in Perth Region)	antennifera
stellata	45 - 1 hr	November	2+ (very rare)	crinita, macrophylla
variegata	45 -1 hr	Late Aug- September	1+ (extremely rare in Perth)	campanulata
villosa	1 to 2 hrs	Oct-early November	10+ (sometimes more)	antennifera, crinita, flexuosa, graminea, xanthotricha, benthamiana
vulgaris	30 mins to 2 hrs	Mid Sept- early Oct	25+ (sometimes hundreds)	antennifera, xanthotricha, flexuosa, mucida.
yorkensis	2 hours	Nov-early December	2+ (very rare)	crinita
xanthotricha	30 mins to 2 hrs	Late Sept- October	10+ (25+ in a good year)	antennifera, flexuosa, villosa, vulgaris, benthamiana

				lilleljacens of room	dorrienii 2934215	E-MAIL:
bracteata 321152		wanosa 6154	paradoxa 4846259	integran 077808	discoidea 67100	PHONE:
DISA	'Yuna' F	'Wandoo' F	paludosa 10484133	integra 1200497	dimidia 5048213	NAME:
	'Yerina Springs' F	vulgata 3336 280	pachychila 131102257	infundibularis 1139095	denticulata 5550209	(20-100)=4 (100+) = 5
tenuissima 228148	X 'Vibrant fairy' 346	voigtii 133102 279	occidentalis 4446256	incersa 51404243	decora 1108865	(1-5)=1 (5-20)=2
robusta 226148	X 'Twisted' 342	viridescens 10384 158	nobilis 3540253	incores 5148241	cruscula 696461	None = 0
huegelii 227148	X tryphera 302	ultima 5248277	nivalis 9878131	hungolii 1078693	CUSTATA 122102201	Quantity
Cape Naturaliste 140	X triangularis 346300	uliginosa 9158 154	unita143110181	horistes 3740239	Crebra 65100	Nothing seen = N
CYRTOSTYLIS	X 'Summer' 336	patulens 9058 156	nana 142110181	hoffmanii 1249690	corynephora 12390	Finished = H
	X suffusa 340300	candicans 8958156	nana	rosea 14111088	citrina 886260	Gone to seed= S
X glossodioldes 350	X spectabilis 346299	uliginosa	multiclavia 6354	hirta 14011088	Cillistillede / 10233	1
X CYANIHERA	X 'Sheoak' 342	thinicola 42586152	'Muddarning Hill' F	היי	chapman 716250	Bud = B
selicea looloo	X resupina 342299	'Tenterden' 42242	'Moodiarrup' F	hiemalis 3136237	chanmanii 4242206	Leaf only = L
Dorigona 156138	X 'Rare' 346	startiorum 9978150	microchila 4948250	heberleana 957684	cairnsiana 130102 20 3	Plant state
nikulinskyse 142	V Olliata 790	splendens 84/2148	mesocera 193108171	harringtoniae 927681	transiens 5752203	Diont state
ixioides 162144	A Notute III Claring of	speciosa 85/4145	meridionalis 3938249	granitora 1129079	maritima 5852201	
candida 163144	v 'Northern Granite' 344	sigmoidea 6254	melanema 2834248	graniticola 4199692	caesarea 5952200	
ixioides	V Northern' 344	serotina /064144	marginata 150116	graminifolia 12296	caesarea	
gertrudiae 159140	V Northampton' 338	Scott River	magniciavata 12898130	georgei 1068678	busselliana 1028057	
gemmata 158140	X 'Murchison' 342	Saxicolar	macrostylis 64100	gardneri 967876	cracens 139106197	
fragrans 161140	x 'Muir' 340	Control of the contro	luteola 5652246	fuscolutescens 3838234	bryceana 138106196	
'Esperance' 427142	X 'Mallee' 338	Doi: 137106	lorea 94/61z/	footeana 4546233	bryceana	
'Dale' 142	X lavandulacea 296	rhomboidiformis 12598143	longilinbilata 11332123	sylvestris 149114177	'Brookton Hwy' F	
ashbyae 160140	X 'Irregular' 336	rentans 144112184	longiciavara 12790125	maculata 148114176	brownii 1088656	
aperta 155138	X idiastes 340295	impensa 145112 185	Innaidavata 12708122	11ava 14/1141/5	brevisura 135104192	
amplexans 154138	X hypata 338295	reptans	- Vinal 68	Brookton nwy 114	Boyup Brook' 44	
CYANICULA	X 'Fringed' 344	remota 3640274	rigidula 7266120	Tlava	'Boranup' 82	
ovata 331134	X 'Forest' 336	parva 42440274	redacta 7868118		Boddington bo	
CRYPTOSTYLIS	X exserta 291	remota	merrittii 8170117	filifera 4644231	cleistogama 4 lb32192	
recurvus 234120	X exoleta 292	radiata 12194	longicauda 8070106	ferrigines 1098875	Dicamata 2002 10	
Naturaliste 100	X erminia 291	radialis 6054	insularis 7366	falcata 1169272	hicalliata 2532191	
minpiado 600 60	X ericksoniae 342290	pulchra 4746269	eminens 8272115	exstans 1199471	h	
limnidus 233128	X enigma 330200	procera 42388141	crassa 8372114	vanleeuwenii 4136229	barbarossa 192108166	S/32*01.975 - E/115 45:002
'Hamerslev Inlet' 128	X eludelis 200	postea 3034268	clivicola 7768113	exilis 3236227	barbarella 191108 162	200m West of McCallum Cr. GFS: L
despectans 232128	X Dark-tipped 342	polychroma 4342264	calcigena 7668112	exilis	gracillima 11892 54	
'Busselton' 426130	X Comped 330	plicata 66100	borealis 7568111	excelsa 867468	attingens 1179252	EXAMPLE: 1. Wireless Hill Park.
abditus 231128	A Coaclescens occas	pholcoidea 8/60139	australora 7970109	evanescens 2632225	attingens	llegi est ilitei section, and or or
CORYBAS	Y coactascens 338287	augustensis 42 100 139	albella 7466108	erythrochila 41844224	arrecta 1299850	place, directions, road,
tepperi 292124	X cala 338286	pnoicoidea		ensata 1269867	arenicola 1058448	and describe the location:
CORUNASTYLIS	X 'Bright' 346	Canalian oc	2084101	elegans 5350221	erubescens 1008046	LOCATION: (number the site
uliginosus 274120	X aestantha 286	Social Account	Τ	dundasiae 41744219	applanata 1018044	
stramenicola 275120	xantha 5450282	talbotii 4038 264	lational House	drummondii 6854	applanata	TOWN:
pruinosus 273120	'Wyalkatchem' 44	s 3438 262	I	drakeoides 194100100	abbreviata 2732186	SHIRE:
Boyup Brook' 120	winfieldii 9376159		36	dodicinae 1001012	CALADENIA	DATE:
CALOCHILUS	williamsiae 98303	35		doutchiae 136104217	In the box but the local	
uytsia, F = Florabase.)	Red(pale) = Brown et al, Green (BOLD)= Nuytsia,	re pages from: Black = H&B, Red(pale) = Bi	ers behind orchid name are pages fr	Numbers behind orchid name a	· · · · · · · · · · · · · · · · · · ·	LOCATIONS
		SIGHTIN	WEST AUSTRALIA	ORCHIDS OF SOUTH-WEST	ORC	PATIONS
	TAC	CICHTINIC				

	SIBIRIS	L	South Coast' 162	LEPORELLA	PRASOPHYLLUM	Cape LeGrand' F	miniature' F	Ш	benthamiana 242310
	Jamplissima 397164		Three Springs, 387156	fimbriata 176210	'Brookton Hwy' 252	'cauline leaves' F	'Murchison' 292	32	campanulata 259324
1	'Arrowsmith' 432162		Torndirrup' 162	LEPTOCERAS	brownii 315258	ciliata 369294	mutica 355280	0	canaliculata 257324
	Allowshill 402 102		"Watherno" 162	menziesii 173214	calcicola 297250	'chocolate' 288	'Northampton' 356280	356280	cornicina 260326
	'Brookton Hwy' 168		Williams' 158	LYPERANTHUS	'crowded' 313256	'clubbed' 444274	'northern' 363282	282	crinita 261326
	brumalis 389156		DRAKAFA		cucullatum 303252	'coastal' 360282	'northwest' 447288	7288	cucullata 249318
	Canning Vale, 430170		andrewsiae 180	MICROTIS	cyphochilum 300248	'coastal snail' 272	'pale banded' 449	449	dedmaniarum 243312
1	carinata 401466		Concolor 202182	alba 281222	drummondii 316260	concava 357282	'Paynes Find' 292	292	'Denmark' 310
1	concinna 401176		confluens 199180	alboviridis 282222	'dwarf' 248	'crowded' 358282	picta 371288	1	flexuosa 250318
	consnicillata 393160		elastica 201182	atrata 278222	elatum 312256	'dainty brown' 448286	platypus 365286	987	frenchii 328
	conymbosa 390158		alvotodon 205182	brownii 287228	'early' 302252	'dainty green' 286	'plumed' 379276	927	fuscolutea 241310
L	'Darling Pange' 433164		graphical 198180	cupularis 222	fimbria 309254	dilatata 343268	pyramidalis 344268	44268	graminea 265330
1	'Dunshorough' 398164		isolata 200180	eremaea 286226	gibbosum 304252	'Dongara' 284	recurva 354280	80	granitora 264328
	drimmondii 409174		livida 197180	eremicola 438226	giganteum 311258	'dwarf' 380278	'red flowered' F	L	jacksonii 245314
	ahirnea 434166		micrantha 203182	familiaris 288228	gracile 295250	'dwarf shell' 339266	'robust' 336264	34	latiloba 324
	emarcinata 407174		thynniphila 204182	globula 289228	gracillimum 310256	'dwarf snail' 352	roensis 368290	06	macrophylla 269332
	Eneapha' F		ELYTHRANTHERA	graniticola 437226	hians 308254	'eastern' 288	rogersii 335264	64	maculata320
	Februarie Coast'436160		hrunonis 166186	media	late swamps' 260	'elegant' 446290	sanguinea 359282	9282	magnifica 454314
	filifolia 411176		emarginata 167186	densiflora 284224	macrostachyum 296250	'Esperance' 378276	sargentii 364284	284	mucida 262326
	'aranite' 431170		X intermedia 350	integra 228	macrotys 314258	'Esperance Granite' 272	scabra 340266	99	'Northampton' 330
L	heberlei 408174		EPIBLEMA	media 283224	odoratissimum 306254	'extended dorsal sepal'F	'short sepals' 353270	353270	'Northern Swamps' 266328
	immaculata 429172	L	arandiflorum	orbicularis 279222	ovale 299248	'Eyre' 290		270	occidentalis 258324
	laevis 413176	L	cvaneum 238190	pulchella 280222	parvifolium 301252	'fawn' 351274	'slender rufa' 374292	374292	'Ongerup' 312
	laxiflora 403170		grandiflorum 237190	quadrata 285224	paulineae 441250	'Fitzgerald' 268	'small stature' F	Ц.	paludosa 267330
	Ionaifolia 399164		ERICKSONELLA		plumiforme 298248	frenchii 372288	'southern granites' F	nites' F	petrophila 268332
	magnifica 396160		Saccharata 151194	PARACALEANA	regium 317260	'giant' 347268	spathulata 367294	37294	psammophila 251318
	micrantha 405172		ERIOCHILUS	alcockii 234	sargentii 307256	'granite' F	'straight tops' 294	294	pulcherrima 456322
	'Muir Hwy' 402170		dilatatus	brockmanii 234	'southern' 254	'greasy' 286	'striped' 450290	290	sargentii 247316
	'Munalinup' F		brevifolius 189	'Darling Range' 236	'striped' 305252	'green flowers' 292	'swamps' 274	4	speciosa 455320
	'Northampton' 172		dilatatus 179198	disjuncta 210232	'Swan Region' F	'grey bands' 361294	turfosa 375276	9/	spiralis 253320
	'northern granite' 392158	00	magnus 181200	dixonii 213234	triangulare 318260	'hairy' 349270	vittata 362284	14	stellata 244314
	northern' 404168		multiflorus 180198	gracilicordata 236	PTEROSTYLIS	hamiltonii 337264	'Walpole' 272	2	tigrina 248316
L	pauciflora 406172		orientalis 198	granitica 236	allantoidea 342266	'Helena River' 443	'yellow' 272		uliginosa 320
L	picta 400166		undulatus 182200	hortiorum 440232	angusta 341266	insectifera 373286	PYRORCHIS	S	variegata 255322
	porrifolia 435156		helonomos 185202	Iyonsii 439232	'Arrowsmith' 445286	'Kalbarri' 442266	forrestii 222298	298	villosa 246316
	nulchella 394160		pulchellus 183200	nigrita 208232	aspera 338266	'karri' 345270	nigricans 223298	3298	vulgaris 263328
	purdiei 414176		scaber	parvula 209236	barbata 381278	large fawn' 292	RHIZANTHELLA	ELLA	xanthotricha 452,453328
	recurva 386156		orbifolia 188202	terminalis 212234	'bloated' 382278	'late' 376276	gardneri 327302	302	yorkensis 451312
	sandplain' 391158		scaber 187202	triens 211236	'bloated snail' 274	'late flowering' F	SPICULAEA	-	X 'Brilliant sun' 348
	'Scaddan' 160		tenuis 186202	PHELADENIA	'Boyup' 377276	leptochila 370290	ciliata 216306	90	X 'Crimson sun 348
	setacea 412176		valens 184200	deformis 157240	'brevisepala' F	limestone' 346272	THELYMITRA	KA.	X 'Scarce sun' 348
	slender' 388158		GASTRODIA	PRAECOXANTHUS	'brittle' 268	long beak' 383278	antennifera 252318	252318	X 'Western wneatbell 340
	'small pansv' 395		lacista 324206	aphyllus 170244	'broad petals' 348270	macrocalymma 366294	apiculata 256322	6322	
]	O" " " " " " " " " " " " " " " " " " "	Prohide	s of South-West Australia. Re-	vised 2nd Ed. with Supplement	Hoffman & Brown "Orchids of South-West Australia. Revised 2nd Ed. with Supplement" (1998). Brown, Dundas, Dixon & Hopper, "Orchids of Western Australia" (2008). Nuytsia Vol.14 N°1/2 (2001). A7 2009	& Hopper, "Orchids of Western /	Australia" (2008). Nu	ytsia Vol.14 l	N°1/2 (2001). A7 2009

Hoffman & Brown, "Orchids of South-West Australia, Revised 2nd Ed. with Supplement" (1998). Brown, Dundas, Dixon & Hopper, "Orchids of Western Australia" (2008). Nuytsia Vol.

	Raffle Roster	Welcomer	SPEAKERS 2009
MAR	Gerald Stack		Mark Brundrett - Wheatbelt Orchid Rescue Project
APR	Glenys Salter	Tom Burbridge	Ramon Newmann - How I started orchids
MAY	Etienne Delannoy	John Ewing	Tony Lock - WANOSCG data base
JUNE	Noel Clarke	Tom Blinco	Eddy Wajon – flowers of the Pilbara
JULY	Tom Blinco	John Ewing	Etienne Delannoy
AUG	Louise Little		
SEPT	Jay Steer		
OCT	David Lawson		
NOV	Gary McDonald		Photo competition and members slides

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SEPTEMBER 26-28TH JERRAMUNGUP
OCTOBER 4TH – JARRAHDALE
OCTOBER 10-11TH FRANKLAND
OCTOBER 18TH BROOKTON HIGHWAY