

0267	0146	Black-winged Stilt	2
0268	0147	Banded Stilt	22
0269	0148	Red-necked Avocet	12
0271	0136	Grey Plover 2	16
0275	0143	Red-capped Plover	21
0277	0139	Lesser Sand Plover 2	1
0278	0141	Greater Sand Plover 2	2
0285	0135	Banded Lapwing	11
0289	0980	Great Skua	1
0297	0125	Silver Gull	25
0303	0112	Caspian Tern	23
0305	0115	Crested Tern	24
0306	0113	Roseate Tern	1
0313	0118	Fairy Tern	13
0314	0121	Bridled Tern	11
0324	0957	Rock Dove	1
0326	0988	Laughing Turtle-Dove	23
0327	0989	Spotted Turtle-Dove	20
0333	0043	Crested Pigeon	1
0359	0273	Galah	3
0362	0271	Little Corella	2
0365	0274	Cockatiel	1
0371	0259	Purple-crowned Lorikeet	1
0386	0294	Australian Ringneck	2
0398	0308	Rock Parrot 3	11
0408	0338	Fan-tailed Cuckoo	6
0410	0342	Horsfield's Bronze-Cuckoo	2
0441	0335	Fork-tailed Swift	2
0451	0326	Sacred Kingfisher	23
0453	0329	Rainbow Bee-eater	10
0492	0976	Striated Pardalote	1
0500	0488	White-browed Scrubwren 3	14
0517	0463	Western Gerygone	21
0528	0472	Western Thornbill wrong id.	1
0531	0486	Yellow-rumped Thornbill 3	1
0539	0637	Little Wattlebird 4	1
0561	0608	Singing Honeyeater	25
0607	0448	White-fronted Chat	23
0609	0377	Jacky Winter 3	1
0614	0381	Red-capped Robin	21
0650	0398	Golden Whistler 3	14
0673	0361	Grey Fantail	3
0676	0364	Willie Wagtail	2
0678	0424	Black-faced Cuckoo-shrike	5
0698	0705	Australian Magpie	1
0706	0930	Australian Raven	25
0725	0647	Richard's Pipit	8
0761	0358	White-backed Swallow	1
0763	0357	Welcome Swallow	25
0765	0359	Tree Martin	21
0781	0574	Silvereye	24

2 17.
3 5
4 2

*** END OF REPORT ***

SUMMARY REPORT

TOTAL BIRDS SIGHTED	:	94
TOTAL NUMBER OF CARDS	:	20

*** END OF SUMMARY ***

To: Mr. Colin Sanders, Director Policy and Strategic Studies,
Department of Environmental Protection.
cc: Secretary, WA Insect Study Society

From: Matthew Williams, Andrew Williams, Trevor Lundstrom, Paul Hutchison,
Bob Hay, Hugh Bollam; members, WA Insect Study Society

Date: January 15, 1996

Subject: System 6 update: Potential Invertebrate Sites

Dear Mr. Sanders,

Dr. Terry Houston passed on to me a copy of your letter dated 30 Oct 1995, requesting information about potential invertebrate sites in the system 6 study area. I have discussed this issue with fellow members of the society who, like me, have an interest in butterflies, and we have co-ordinated our response. Attached is a list of sites that we feel are important sites for butterflies within the study area. Naturally we would be happy to provide any additional information about the listed species or sites if this is needed.

I also attach a copy of a letter prepared by Ms. M. Barrett, who is currently undertaking a survey of the Western *Petalura* dragonfly. In this letter, prepared in response to your request for information, Ms. Barrett has nominated a number of important sites for this species.

I hope that this information is of some use to you in updating the System 6 red book recommendations.

Yours Sincerely



Matthew Williams

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K.M.A.

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Site	Species	Reason for importance
<p>Warwick Open Space (The area bounded by Wanneroo, Warwick, Erindale and Beach Roads, Warwick); and</p> <p>Bushland, Koondoola (The area bounded by Alexander and Marangaroo Drives, Koondoola Ave, Waddington Crescent and Beach Rd)</p>	<p><i>Hypochrysops halyaetus</i> (Western Jewel), <i>Trapezites sciron sciron</i> (Sciron Skipper), <i>Mesodina cyanophracta</i> (Cyanophracta Skipper), Other species</p>	<p>Two of few remaining areas that contain an intact fauna representative of the original butterfly fauna of the Swan Coastal Plain near Perth. The three identified taxa, all endemic to Western Australia, are now rare within the Perth Metropolitan region. These two sites are currently the southernmost locations of the western jewel.</p>
Rottneest Island	<i>Geitoneura klugii insula</i>	This subspecies of Klug's Xenica occurs only on Rottneest.
<p>Bushland, Yanchep (The area within an approximately 500m radius of Smokebush Hill)</p>	<i>Acrodipsas brisbanensis brisbanensis</i> (Large Ant-blue)	This is the only known site for this butterfly in Western Australia. This butterfly is rare or uncommon along the eastern seaboard.
Julimar Conservation Park	<i>Neolucia agricola</i> aff. <i>occidens</i> (Fringed Blue)	This is the only known locality of the recently discovered autumn-flying form of the Fringed Blue. The taxonomic status of this form is currently being investigated.
Manjedal Scout Camp, Manjedal Brook, North of Jarrahdale	<i>Candalides aff. hyacinthinus</i>	This is one of only two localities within the study area where this undescribed subspecies of the Common Dusky Blue occurs (the other site is Yalgorup NP)
<p>Jarrahdale forest, Pickering Brook (The area bounded by Ashendon, Pickering Brook, Lockwood and Mundaring Weir roads.</p>	<i>Exometoeca nycteris</i> (Western Flat), <i>Ogyris idmo idmo</i> (Large Brown Azure), Other species	This is an area known to contain a butterfly fauna representative of jarrahdale forest areas. The two nominated species, both of which occur within this area, are both considered rare and in need of further study.

<p>Area surrounding the Surf Life Saving Club, Ocean Beach, Bunbury</p>	<p><i>Vanessa cardui</i> (European Painted Lady)</p>	<p>Although the European Painted Lady is thought to have been introduced to Western Australia, there is no evidence to suggest that it is not a self-established immigrant. Specimens are known from Rottnest and Fremantle to as far south as Bunbury, but currently only the area surrounding the Surf Life Saving Club at Bunbury is known to harbour a resident population.</p>
<p>Bushland, Singleton (The area bounded by Crystaluna Drive, Peelhurst, Fitch St and Mandurah Rd, Singleton, and the coast). I believe that this site is currently being cleared for housing.</p>	<p><i>Theclinesthes hesperia hesperia</i> (Western Blue), <i>Croitana croites</i> (Croites Skipper), <i>Jalmenus inous</i> (Inous Blue)</p>	<p>This is one of only three currently known localities for the endemic Western Blue butterfly. The other subspecies (<i>T. h. littoralis</i>) is restricted to the south coast. The other two species, both Western Australian endemics, occur abundantly at this site, but are elsewhere scarce.</p>

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TO *Matalie Thorning*

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