

NOTES

Additions and corrections to the Silhouette species list

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The Silhouette species list published in 1997 (Gerlach *et al.* 1997) included 1567 species. Over the last year a number of overlooked and new records have come to light. These corrections and additions are noted below. This 6% increase brings the total number of species recorded on the island to 1667 (see Table 1.)

PLANTAE

ANGIOSPERMAE

Family ANONACEAE *Annona squamosa* L. - Intr.; Sil. (*pers.obs.*). *Cananga odorata* (Lam.)Hook f.&Thoms. - Intr.; Sil. (*pers.obs.*)

Family POLYGONACEAE *Antigonon leptopus* Hook.&Arn. - Intr.; Sil. (*pers. obs.*)

Family CAESALPINIACEAE *Senna occidentalis* (L.)Link - Intr.; Sil. (NPTS P1998.2)

Family EUPHORBIACEAE *Acalypha indica* L. - Intr.; Sil. (NPTS P1997.53)

Family UMBELLIFERAE *Centenella asiatica* (L.)Urb. - Intr.; Sil. (*pers. obs.*)

Family CONVOLVULACEAE *Ipomoea obscura* (L.)Ker Gawl. - Intr.; Sil. (*pers. obs.*)

Family OLEACEAE *Norohnia emarginata* (Lam.)Thouars - Intr.; Sil. (*pers. obs.*)

Family ACANTHACEAE *Thunbergia grandiflora* (Roxb &Rottl.)Roxb. - Intr.; Sil. (*pers. obs.*)

Family COMPOSITAE *Emilia sonchifolia* (L.)Wight - Intr.; Sil. (NPTS P1998.1).

Family ZIGIBERACEAE *Aframomum angustifolium* (Sonn.)K.Schum. - Mad.; M. & Sil. (Gerlach *et al.* 1997 as *Elettaria cardamomum*)

Family MARANTACEAE *Maranta arundinacea* L.- Intr.; Sil. (*pers. obs.*)

Family AMARYLLIDACEAE *Crinum amabile* Ker-Gawl.- Intr.; Sil. (*pers.obs.*)
Zephyranthes rosea Lindl.- Intr.; M & Sil. (*pers.obs.*)

Family LILIACEAE *Gloriosa superba* L. - Intr.; Sil. (*pers. obs.*)

Family PALMAE *Dictyospermum album* (Bory)Balf.f. - Intr.; M. & Sil. (*pers. obs.*)

Family CYPERACEAE *Cyperus alopecuroides* Rottb. - Afr.; M., Sil. (NPTS P1997.58),
A. & Co.

Family POACEAE *Rhynchelytrum repens* (Willd.)C.E.Hubb - Intr.?, M., Sil. (NPTS P1997.3) & Den.

ANIMALIA

PLATYHELINTHES Family OTHELOSOMIDAE ?sp. - Sil(NPTS V1998.1)

MOLLUSCA

Family ELOBIIDAE *Melampus cf. fasciatus* - Indo-Pacific; Sil. (NPTS M1997.234)

M. lividus Deshayes - Indo-Pacific; M., Moy., Sil.(NPTS M1997.233), P. & A.

NOTES

Table 1. Terrestrial & freshwater species recorded on Silhouette

Group			Species		% natives endemic to		
			Total	Native	Seychelles	Silhouette	
PLANTAE	Bryophyta		18	18?	17	6	
	Pteridophyta		52	52	19	2	
	Angiospermae		212	176	34	2	
ANIMALIA	Nemertea		1	1	0	0	
	Platyhelminthes		1	1?	100?	0?	
	Annelida	Hirudinea		2	2	100	100
		Oligochaeta		1	0?	0	0
	Mollusca		40	36	72	19	
	Tardigrada		2	2	0	0	
	Chelicerata	Schizomida		1	1	100	0
		Arachnida		81	81	75	23
		Opiliones		9	9	89	11
		Pseudoscorpiones		4	4	100	0
		Scorpiones		1	1	100	0
		Amblypygi		1	1	0	0
		Acari		13	13	92	69
	Crustacea	Decapoda		12	12	0	0
		Isopoda		13	13	85	8
		Myriapoda		21	18	94	0
	Chilopoda	Diplopoda		8	8	75	13
		Symphyla		1	1	?	?
	Apterygota	Thysanura		6	6	100	0
		Collembola		7	7	100	0
	Insecta	Odonata		12	12	33	17
		Orthoptera		37	36	80	15
Dictyoptera			18	17	71	6	
Isoptera			2	2	100	50	
Dermaptera			13	9	44	22	
Hemiptera			123	123?	72	18	
Psocoptera			64	64?	97	9	
Thysanoptera			11	11	100	89	
Siphonaptera			1	0	0	0	
Neuroptera			3	3	0	0	
Lepidoptera			210	205	54	9	
Trichoptera			1	1	100	0	
Diptera			94	94?	68	61	
Hymenoptera			124	117	79	30	
Coleoptera		390	386	72	18		
Chordata	Pisces		5	4	25	0	
	Amphibia		12	12	92	0	
	Reptilia		17	14	93	0	
	Aves		17	15	40	0	
	Mammalia		5	2	100	0	

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Family SUBULINIDAE *Allopeas mauritianus* Cosmo; M & Sil (NPTS M1997.239).

CRUSTACEA

Family COENOBITIDAE *Coenobita perlatus* (Milne Edwards, 1837) - Indo-Pacific; Sil (photographed 8/8/97) & A.

Family OCYPODIDAE *Ocypode cordimana* (Desmarest, 1825) - Indo-Pacific; M., Sil (NPTS D1997.31), Co., A. & Bird.

TARDIGRDA

Macrobiotus madegassus Maucci, 1993 - Mad.; Sil. (Biserov & Gerlach 1998) & LD
Milnesium tetralamellatum Pilato & Binda, 1991 - Afr.; M. & Sil. (Biserov & Gerlach 1998).

OPILIONES

Family ASSAMIIDAE *Bandona palpalis* Roewer, 1927 - Asia; Sil. (Gerlach 1998)

ARACHNIDA

Family OCHYRO CERATIDAE *Ouette ouette* Saarsito, 1998 - End.; Sil. (Saaristo 1998)

MYRIAPODA - DIPLOPODA

Family POLYXENIIDAE *Polyxenus* sp. - ?; Sil. (NPTS U1997.4)

Family HIRUDISOMIDAE *Rhinotus purpureus* (Pocock, 1894) - Intr.; M., Sil (Golovatch & Korsós 1992). *R. densepilosus* Golovatch & Korsós 1992 - End.; M. & Sil. (Golovatch & Korsós 1992).

Family SPIROBOLELLIDAE *Paraspirobolus dictyonus* (Latzel, 1895) - Intro.; M., Sil (Golovatch & Korsós 1992).

Family TRIGONIULIDAE *Eucarlia urophorus* (Pocock, 1893) - End., Sil. (NPTS U1997.9)

APTERYGOTA - COLLEMBOLA

Family NEANURIDAE *Blasconura* sp. - ?; Sil. (L. Deharveng pers. comm.)

INSECTA

ODONATA

Family AESCHNIDAE *Anax guttatus* (Burm., 1839) - Asia; M., Sil. (Wain & Wain 1998; NPTS O1998.1) & A.

ORTHOPTERA

Family ACRYDIDAE *Paratettys histicus* Sahl - Afr.; M., Sil. (NPTS Hr1998.1) & Fel.

Family GRYLLOIDAE *Gryllotalpa africanus* - Afr.; M. & Sil. (P. Matyot pers. obs.).
Trigonidium bolivari - End.; M. & Sil. (Bolivar, 1912 & Gerlach et al. 1997 as *T. vittaticolle*). *T. vittaticolle* - Intr.; M. & Sil. (NPTS Hr1998.2).

Family PHASGONURIDAE *Conocephalus conocephalus* - Afr.; M. & Sil. (NPTS Hr1998.4).

DERMAPTERA

Family LABIIDAE *Labia minor* (Linnaeus) - Cosmo.; Sil. (NPTS Hw1998.3) & LD.

HEMIPTERA

Family MEMBRACIDAE *Leptocentrus madli* Boulard, 1995 - End.; M. & Sil. (P. Matyot pers. obs.).

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COLEOPTERA

Family BUPRESTIDAE *Dicercomorpha alluaudi* Kerremans, 1893 - M., Sil. (NPTS Hc1998.13) & LD.

Family COLYDIIDAE *Mecedanum* sp. - ?; Sil. (Grouvelle 1918)

Family CORYLOPHIDAE *Arthrolips* sp. - ?; Sil. (Scott 1917)

LEPIDOPTERA

Family GELECHIDAE *Gelechias suffranella* Legrand, 1965 - End.; M. & Sil. (NPTS H11998.52).

Family GEOMETRIDAE *Chloroclystis gerberae* Herb., 1964 - End.; M & Sil (*pers. obs.*), *C. mokenis* Prout, 1937 - Afr.; M & Sil (NPTS H11998.10). *C. oceanica* Herb., 1964 - End.; M & Sil (NPTS H11998.45). *Scopula serena* Prout, 1920 - Afr.; M & Sil (*pers. obs.*).

Family HELIODINIDAE *Stathmopoda auriferella* (Walker, 1864) - Afr.; M. & Sil. (*pers. obs.*).

Family LITHOCOLLETIDAE *Acrocercops rhombocosma* Meyrick, 1911 - End.; M. & Sil. (NPTS H11998.19). *Caloptila prostricta* (Meyrick, 1909) - Afr.; M. & Sil. (NPTS H11998.44).

Family LYONETIDAE *Opogona tabernatella* Legrand, 1965 - End.; M. & Sil. (NPTS H11998.29)

Family NOCTUIDAE *Achaea catella* Guenée, 1852 - Afr.; M. & Sil. (*pers. obs.*), *Hydrillodes perplexalis* Fryer, 1912 - End.; M., Sil. (*pers. obs.*) & P. *Hypaetra extranea* Berio, 1962 - End.; M & Sil. (*pers. obs.*) *Hypospyla thermesina* Guenée, 1865 - Masc.; M., Sil. (NPTS H11998.25) & Fel. *Leucania leucosphenoidea* Berio, 1956 - End.; M. & Sil. (NPTS H11998.3). *Mocis meyeri* (Boiduval, 1833) - Afr.; M., SA., Sil. (NPTS H11998.23&56) & P. *Spodoptera mauritia* (Bosiduval, 1833) - Mad.; M., Sil. (NPTS H11998.2&54) & F.

Family PHYCITIDAE *Phycita gloriosella* Legrand, 1965 - End.; M. & Sil (*pers. obs.*).

Family PTEROPHORIDAE *Megalorrhipida defectalis* (Walker, 1864) - Pantrop.; M. & Sil. (NPTS H11998.42).

Family PYRALIDAE *Cirrhocrista mulleralis* Legrand, 1957 - End.; M., Sil. (NPTS H11998.39) & P.

Family PYRAUSTIDAE *Diaphana prasinialis* (Saalmuller, 1880) - Mad.; M. & Sil. (NPTS H11998.8&55), *Epipagis cancellalis* (Zeller, 1852) - Old World; M. & Sil. (NPTS H11998.9). *Hedylepta dnopheralis* (Mabille, 1900) - Mad.; M. & Sil. (NPTS 1998.11). *Psara basalis* (Walker, 1865) - Old World; M. & Sil. (*pers. obs.*). *Zebronia mariaehelenae* Legrand, 1965 - End.; M. & Sil. (*pers. obs.*).

Family SPHINGIDAE *Cephonodes tamsi* Griveaud, 1960 - End.; M. & Sil. (NPTS H11997.7)

Family TINEIDAE *Nitidea fuscipunctella* (Haworth, 1828) - Introduced; M. & Sil. (NPTS H11998.25). *Steomorpha rutella* Zeller, 1852 - Pantrop.; M. & Sil. (NPTS H11998.36).

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Family TORTRICIDAE *Eccopsis incultana* (Walker, 1863) - Afr.; M. & Sil. (NPTS H11998.26)

HYMENOPTERA

Family SPHECIDAE (incl. Sphegidae) *Chalybion madecassum* (Gribodo, 1883) - Mad., M., Sil. (Madl *et al.* 1996). & P. *Sceliphron fuscum* (Klug, 1801) - Mad.; M., Sil. (Madl *et al.* 1996) & P. *Sphex rufinervis* Perez, 1895 - End.; M., Sil. (Madl *et al.* 1996) & P. *Liris haemorrhoidalis* - Mad.; M. & Sil. (Madl *et al.* 1996).

Family FORMICIDAE *Monomorium floricola* (Jerdon, 1851) - Intr.; M., Sil. (NPTS Hy1998.6), P., A., Co., CS., Alb., GS. & PS. *Odontomachus troglodytes* Santschi, 1914 - Afr.; M., Isl., Sil. (NPTS Hy1998.19), P., Co., Coe., CS., GS., & PS. *Pheidiola braueri* Forel, 1897 - End.; Sil. (*pers. obs.*). *Plagiolepis exigua* Forel, 1894 - Pantrop.; M., Sil. (NPTS Hy1998.11), P., A., GS. & PS. *Prionopelta descarpentriese* Santschi, 1924 - Mad.; Sil. (NPTS Hy1998.14) & PS. *Strumigenys emmae* (Emery, 1890) - Intr.; M., Sil. (*pers. obs.*), GS. & PS. *S. rogeri* Emery, 1890 - Intr.; M., Sil. (NPTS Hy1998.8-9) & Co. *Technomyrmex mayri* Forel, 1891 - Mad.; M. & Sil. (NPTS Hy1998.16). *Tetramorium simillimum* (Smith, 1851) - Pantrop.; M., Sil. (NPTS Hy1998.10&12), A., GS. & PS.

CHORDATA

REPTILIA

Family GEKKONIDAE *Ailuronyx tachyscopaeus* Gerlach & Canning, 1994 - End.; M., Sil. (NPTS Cr1998.5) & P.

Family TYPHLOPIDAE *Rhamphotyphlops brahminus* (Daudin) - Intr.; M., Sil. (photographed 7/97), P., A., LD. & F.

AVES

Family ARDEIDAE *Nycticorax nycticorax* (L., 1758) - Cosmo.; Sil. (R. Gerlach in prep.)

MAMMALIA

Family MURIDAE *Mus musculus* (Linnaeus, 1758) - Intr.; M., Sil. (NPTS Cm1997.8), P., A., Freg. & Bird.

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