

MARK E. OLSON. 2003. Ontogenetic origins of floral bilateral symmetry in Moringaceae (Brassicales). *American Journal of Botany* 90(1): 49-71.

Species	Collector and #	Locality	Preparations of ontogenetic stages made: 1=organogenesis, 2=Organ form differentiation, 3=preanthetic enlargement, 4=anthesis or immediately preanthetic	Latitude and longitude	Herbaria with vouchers
<i>M. arborea</i>	Olson 714	Kenya: Northeastern Province: Mandera District: ca. 35 km NW of Rhamu on road to Malka Mari, in rocky canyon called Garse	SEM: 1, 2; LM: 2, 3, 4; hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	4°03'08"N 41°00'02"E	MO, EA, FT, K
<i>M. borziana</i>	Olson 707	Kenya: Coast Province: Kilifi District: Galana River Camp	LM: 2, 3, 4; hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	ca. 3°06'S 39°24'E	MO, K
<i>M. concanensis</i>	Olson 700	India: Tamil Nadu: Udumpepet Dist. Coimbatore Rd. to Parapaddur Dam in Palni Hills ca. 200 km WSW of Tiruchirapalli	Hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	10°28'31"N 77°44'57"E	MO, EA, FT, K, RHT
<i>M. drouhardii</i>	Olson 680	Madagascar: Antananarivo: in traffic island in front of École Normale	SEM: 1, 2, 3; LM: 2, 3, 4; hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	23°31'00"S 43°45'12"E	MO, K
	Olson 679	Madagascar: Tulear: near Amboasary	SEM: 1, 2, 3; LM: 2, 3, 4; hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	25°00'S 46°25'E	MO, K
<i>M. longituba</i>	Olson and Machua 704	Kenya: Northeastern Province: Mandera District: ca. 20 km WNW of Mandera near locality of Filqo	SEM: 1, 2, 3; LM: 2, 3, 4; hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	3°58'11"N 41°45'00"E	MO, EA, FT, K
	Olson and Machua 710	Kenya: Northeastern Province: Wajir District: ca. 12 km E of Wajir on road to Wajir Bor	LM: 3, 4; pickled and pressed inflorescences with mature flowers to small buds	1°44'09"N 40°13'44"E	MO, EA, K
<i>M. oleifera</i>	Olson, s.n.	Cultivated trees at Missouri Botanical Garden and Washington university, "wild type" and cultivar PKM	Hand sections of fresh flowers 3, 4; pickled inflorescences with mature flowers to intermediate-sized buds		MO

M. ovalifolia	Herta Kolberg, s.n.	Namibia: cultivated tree at National Botanical Research Institute	SEM: 1, 2, 3; LM: 2, 3, 4; hand sections: 3, 4; pickled inflorescences with mature flowers to small buds	23°19'53"S 15°38'57"E	MO, WIND
M. peregrina	Danin, s.n.	Israel: Southern Region: Ein-Gedi	SEM: 1, 2, 3; LM: 2, 3, 4; hand sections: 3, 4; pickled and pressed inflorescences with mature flowers to small buds		MO, EA, FT, K
M. rivae	Olson 701	Kenya: Northeastern Province: Mandera District: ca. 4 km N of Rhamu	SEM: 1, 2, 3; LM: 2, 3; hand sections: 3, 4; pickled and pressed inflorescences with young buds	3°55'26"N 41°11'37"E	MO, EA, FT, K
M. ruspoliana	Olson and Machua 701A	Kenya: Northeastern District: Mandera District: Rhamu town: planted tree in front of former National Council of Catholic Churches Kenya headquarters	SEM: 1, 2, 3; LM: 2, 3, 4; pickled and pressed inflorescences with mature flowers to small buds	ca. 3°55'N 41°13'E	MO, K
	Olson 705	Kenya: Northeastern District: Mandera District: area called Bila (Pila) Machesa	LM: 2, 3, 4; pickled inflorescences only, with mature flowers to small buds	3°57'20"N 41°40'26"E	MO, K
M. stenopetala	Olson 675	Kenya: Rift Valley Province: Baringo District: Parmalok Island, Lake Baringo	Pressed inflorescences with mature flowers to small buds	0°42'21"N 36°01'34"E	MO, EA, FT, K