






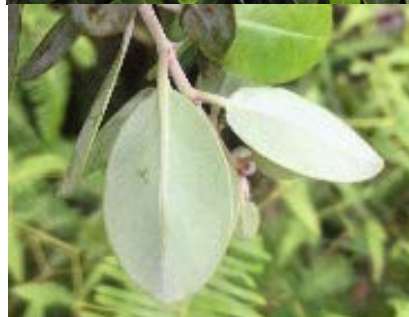

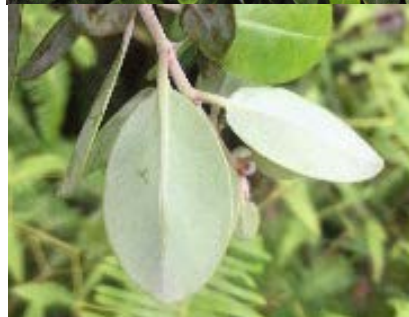

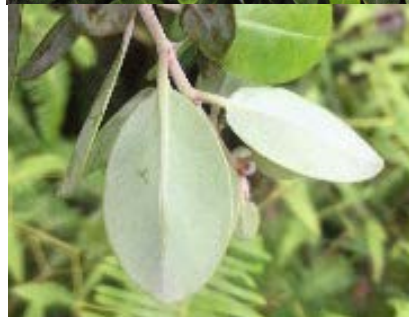

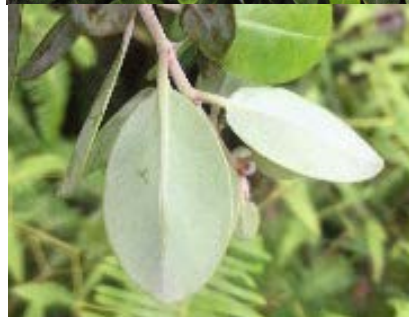


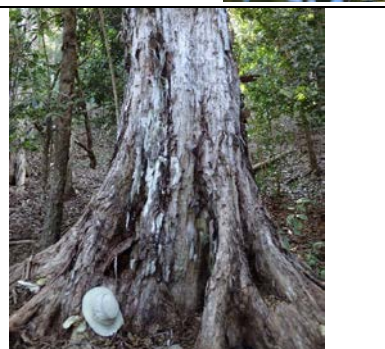
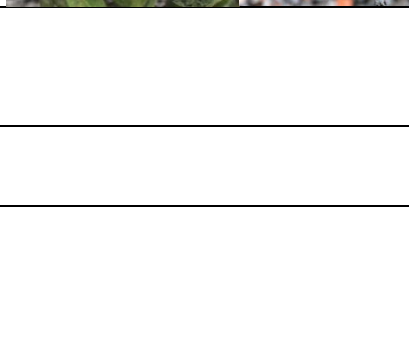
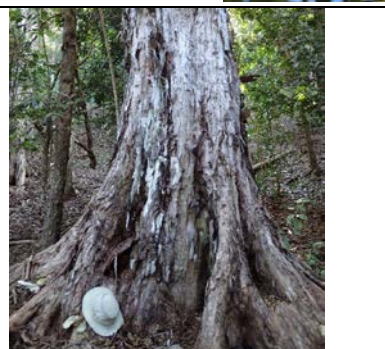
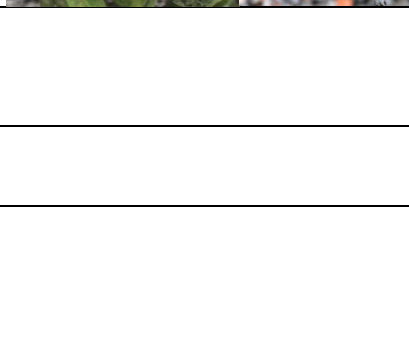
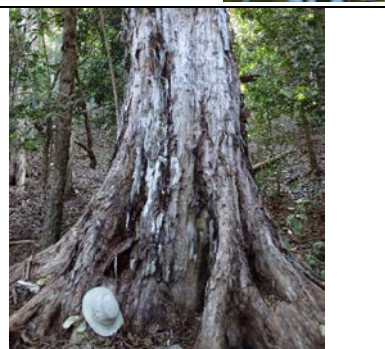
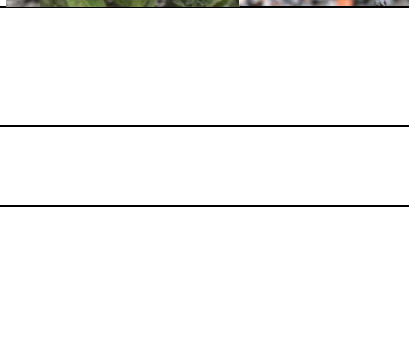






















Character	<i>M.pol. glaberrima</i> Photos: Joel Lau, Marian Chau & Adam Williams	<i>M.pol. incana</i> Photos: Scott Heinzman, Marian Chau & Hank Oppenheimer
Stature	shrubs to tall trees 	shrubs to tall trees 
Leaf shape	ovate or obovate to elliptic 	ovate to suborbicular 
Lower leaf surface	glabrous 	appressed pubescent 
Petiole length	petiolate 	subsessile to petiolate 
Leaf apex (tip)	rounded to acute 	rounded or retuse 
Leaf base	rounded or cordate to cuneate 	rounded to cuneate 
Leaf margin	flat, rarely revolute 	flat 
Inflorescence	pubescent (Rock described it as glabrous) 	pubescent 
Bark characteristics	bark rough or separating in thin strips 	bark rough 
Elevation	middle to high 	low to middle 
Island distribution	Kaua'i, O'ahu, Moloka'i, Lana'i, Maui, Hawai'i 	O'ahu, Moloka'i, Lana'i, Maui, Hawai'i, Kaua'i 
Other characteristics	NOTE: var. <i>glaberrima</i> and var. <i>incana</i> are known to form hybrids. These can be distinguished by the presence of very light pubescence on the lower leaf surface that can easily be removed by rubbing. NOTE: var. <i>glaberrima</i> and var. <i>incana</i> are known to form hybrids. These can be distinguished by the presence of very light pubescence on the lower leaf surface that can easily be removed by rubbing.	

Character	<i>M. polymorpha polymorpha</i>	Photos: Joel Lau	<i>M. pol. pumila</i>	Photos: Adam Williams, Marian Chau
Stature	shrubs to small trees		shrubs	
Leaf shape	ovate to suborbicular		small, broadly ovate to suborbicular	
Lower leaf surface	densely woolly or appressed pubescent		densely woolly	
Petiole length	sessile		petiolate	
Leaf apex (tip)	rounded to retuse		rounded to obtuse	
Leaf base	cordate		obtuse to cordate	
Leaf margin	revolute to rolled		slightly revolute	
Inflorescence	pubescent		pubescent	
Bark characteristics	bark rough		separating in thin flakes	
Elevation	middle to high		middle to high	
Island distribution	O'ahu, Moloka'i, Lana'i, Maui, Hawai'i		Kaua'i, Moloka'i, Maui, O'ahu	
Other characteristics			growing in middle to higher elevation bogs	

Character	<i>Metrosideros macropus</i> Photos:Joel Lau& OANRP		<i>Metrosideros rugosa</i> Photos: Tim Kroessig & OANRP	
Stature	small trees		shrubs to small trees	
Leaf shape	Broadly ovate. Buds narrow with persistent scales		Obovate to suborbicular. Midrib&veins strongly raised on lower & impressed on upper.	
Lower leaf surface	glabrous		Densely woolly. Tan to reddish brown long appressed hairs.	
Petiole length	petiolate		sessile	
Leaf apex (tip)	rounded to acute		rounded	
Leaf base	rounded to truncate		cuneate to rounded	
Leaf margin	flat		revolute	
Inflorescence	glabrous or appressed silvery pubescent		dense, woolly, tan tomentum	
Bark characteristics	fissured and flaky		Pale. Separating in thin flakes.	
Elevation	middle to high		summit and windward cliffs (700-800m)	
Island distribution	O'ahu		O'ahu	
Other characteristics	Big inflorescence bracts, and fruit capsules		Leaves strongly rugose	

Character	<i>M. tremuloides</i> Photos: OANRP	
Stature	Shrubs to small trees, semi-weeping habit	
Leaf shape	Lanceolate. Midrib and petioles often red. Blades 1/3-1/4 wide as long.	
Lower leaf surface	glabrous	
Petiole length	petiolate	
Leaf apex (tip)	acute	
Leaf base	cuneate to attenuate	
Leaf margin	flat	
Inflorescence	glabrous	 
Bark characteristics	Pale, fissured, flaky.	
Elevation	Steep slopes (125-700m)	
Island distribution	O'ahu	
Other characteristics		