

Microscope and magnifier options for identification of spotted wing drosophila by fruit growers

	Name (make and model)	Vendor	Cost	Comments
1	Magnifier with LED and UV light, 30x magnification	Seattle Findings	\$8.96	This one distributed at 2013 SWD workshop. Very nice hand lens but difficult to clearly see features of SWD with it.
2	Hand Microscope	BioQuip	\$14.70 + AA batteries	30x. Built-in light, powered by batteries. Flimsy construction. Zoom clumsy. difficult to clearly see features of SWD with it.
3	Carson MagniScope, 8x monocular, 3x standing loupe, 30x microscope combo tool (MA-30)	Amazon.com	\$45.99	No light. Nice magnifier if used in well lit area.
4	Omano OM-124-1LP stereo microscope	Microscope.com	sale, \$99., reg. \$129.	20x and 40x. Built-in light, above stage. Power by AC (electric plug-in). Small but nice. Our favorite.
5	Omano OM24L stereo microscope	Microscope.com	sale \$179, reg. \$195	20x and 40x. Built-in light above & below stage. Power by rechargeable battery or AC (electric plug-in).
6	Barska 7x-45x binocular stereo zoom microscope	Amazon.com	\$348.50	Power by AC (electric plug-in). Decent low-end microscope. Some online reviewers mention that it does not hold up well over time.
7	Omano OM 2344 zoom stereo microscope	Microscope.com	\$365.00	7x to 45x. Built-in light. Power by AC (electric plug-in). Seems identical to Barska (#5).
8	Dino-Lite Edge Digital Microscope AM4815ZT	dinolite.us	\$869 + about \$100 for stand	10x to ~90x. This is what we use for classroom teaching. Connects to computer screen and projector.
9	Meiji stereo body with 1x and 3x turret magnification changer, 10x stereo eyepieces, and rigid arm stand; light source ACE fiber optic with dual gooseneck arm illuminator	Dayton Microscope, Troy, OH	\$1015 for scope and \$710 for light	A nice basic scope, used heavily in field entomology lab. Light power by AC (electric plug-in).