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COVER

Masked water strider (Gerris remigis) 
with a samarium-cobalt magnet glued 
to its right foreleg. A computer-generated 
surface wave signal of \approx 90 waves per 
second (highlighted by color bands) is 
imitating the male's signal through vertical 
oscillations of the magnet, which is driven by 
electromagnetic fluctuations from an encircling 
wire coil. Males can discriminate sex solely 
by presence or absence of this signal 
(body length of insect, about 14 millimeters). See page 1325. [R. Stimson 
Wilcox, State University of New York, 
Binghamton]