









**Figure 1. Daily catch rates of *G. tachinoides* (top), *G. palpalis gambiensis* (middle) and *G. morsitans submorsitans* (bottom) by traps and a target.** The target and the cloth portions of traps were covered with adhesive film to compare the propensity of flies to land on these different devices. Catch rates of such traps were separated into fly catches on the cloth part and those trapped in the cage of the trap. Biconical and







21. Mérot P, Politzar H, Tamboura I, Cuisance D (1984) Résultats d'une campagne de lutte contre les glossines riveraines en Burkina par l'emploi d'écrans imprégnés de Deltaméthrine. *Rev Elev Med Vet Pays Trop* 37: 175–184.
22. Amsler S, Filledier J, Millogo R (1994) Efficacité comparée de différents pièges pour la capture de *Glossina tachinoides* (Diptera: Glossinidae) au Burkina Faso. *Rev Elev Med Vet Pays Trop* 47: 207–214.
23. Mihok S, Carlson DA, Krafur ES, Foil LD (2006) Performance of the Nzi and other traps for biting flies in North America. *B Entomol Res* 96: 387–397.
24. Green CH (1994) Bait methods for tsetse fly control. *Advances in Parasitology* 34: 229–291.
25. Bhatt RJY, Yadav RS, Adak T, Babu CJ (2005) Persistence and wash-resistance of insecticidal efficacy of nettings treated with deltamethrin tablet formulation (K-O Tab<sup>®</sup>) against malaria vectors. *J Am Mosq Control Assoc* 21: 54–58.
26. Hogsette JA, Nalli A, Foil LD (2008) Evaluation of different insecticides and fabric types for development of treated targets for stable fly (Diptera: Muscidae) control. *J Econ Entomol* 101: 1034–1038.
27. Mangwiro TNC, Torr SJ, Cox JR, Holloway MTP (1999) The efficacy of various pyrethroid insecticides for use on odour-baited targets to control tsetse. *Med Vet Entomol* 13: 315–323.
28. Abel PM, Kiala G, Loa V, Behrend M, Musolf J, et al. (2004) Retaking sleeping sickness control in Angola. *Trop Med Int Health* 9: 141–148.
29. Joja LL, Okoli UA (2001) Trapping the vector: community action to curb sleeping sickness in southern Sudan. *Am J Public Health* 91: 1583–1585.
30. Rayaisse JB, Tirados I, Kaba D, Dewhurst SY, et al. (2010) Prospects for the development of odour baits to control the tsetse flies *Glossina tachinoides* and *G. palpalis s.l.* *PLoS Negl Trop Dis* 4(3): e632. doi:10.1371/journal.pntd.0000632.
31. Odulaja A, Mohamed-Ahmed MM (1997) Estimation of the efficiency of the biconical trap for *Glossina fuscipes fuscipes* along the lake Victoria shore, Kenya. *Entomol Exp Appl* 82: 19–24.
32. Bouyer J, Seck MT, Sall B, Ndiaye EY, Guerrini L, et al. (2010) Stratified entomological sampling in preparation for an area-wide integrated pest management program: The example of *Glossina palpalis gambiensis* (Diptera: Glossinidae) in the Niayes of Senegal. *J Med Entomol* 47: 543–552.
33. Sciarretta A, Tikubet G, Baumgärtner J, Girma M, Trematerra P (2010) Spatial clustering and associations of two savannah tsetse species, *Glossina morsitans submorsitans* and *Glossina pallidipes* (Diptera: Glossinidae), for guiding interventions in an adaptive cattle health management framework. *B Entomol Res* 100: 661–670.